Pharma projects

Web/ CD-ROM
Version 5

A Tour of Pharmaprojects

PJB Publications Ltd © 2003

Key functions:

- Track who is developing what, where, when, how and for what.
- Analyze your market of interest using any combination of 63 search criteria.
- Monitor your competitors.
- Discover licensing opportunities and co-marketing partners.
- Identify early leads and search for similar structures.

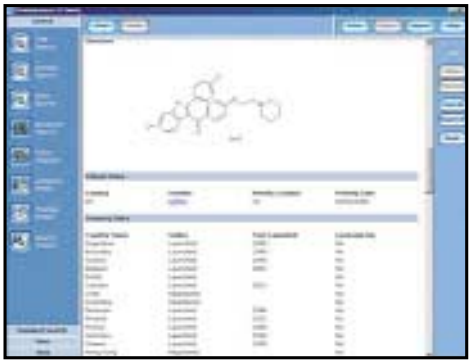
Inside this guide:

Pharmaprojects – layout and function	2
Search methods	3
Viewing your results	5
Drug profiles	7
Creating reports	17
Standard searches	21
Useful search examples	26
Advanced search examples	30
Graph and Trend Analysis	36
Contact details	40

The leading source of pharma business intelligence

Pharmaprojects is the premier source of global business intelligence tracking drugs in R&D. It provides a comprehensive view of product development by monitoring every drug currently in active international R&D – approximately 7,000 at any one time.

Pharmaprojects has been researching drug development since 1980 – from the earliest stage of a drug's development through to discontinuation or launch.



No drug is removed from the database thus providing both a current and historical picture built from over 23 years of data collection.

Each of the Drug Profiles is accompanied by comprehensive profiles of the companies involved in the drug's development and the therapeutic targets for which it is intended. Over 1500 Company Profiles and 218 Therapy Profiles are available.

Subscriber services

Pharmaprojects offers the following services to ensure that subscribers get the maximum return from their investment:

Choice of delivery formats — full functionality via CD-ROM or NOW ON THE WEB, weekly direct feed from PJB Publications, Print and via Online hosts

International helpdesk (see back page for details)

Free training

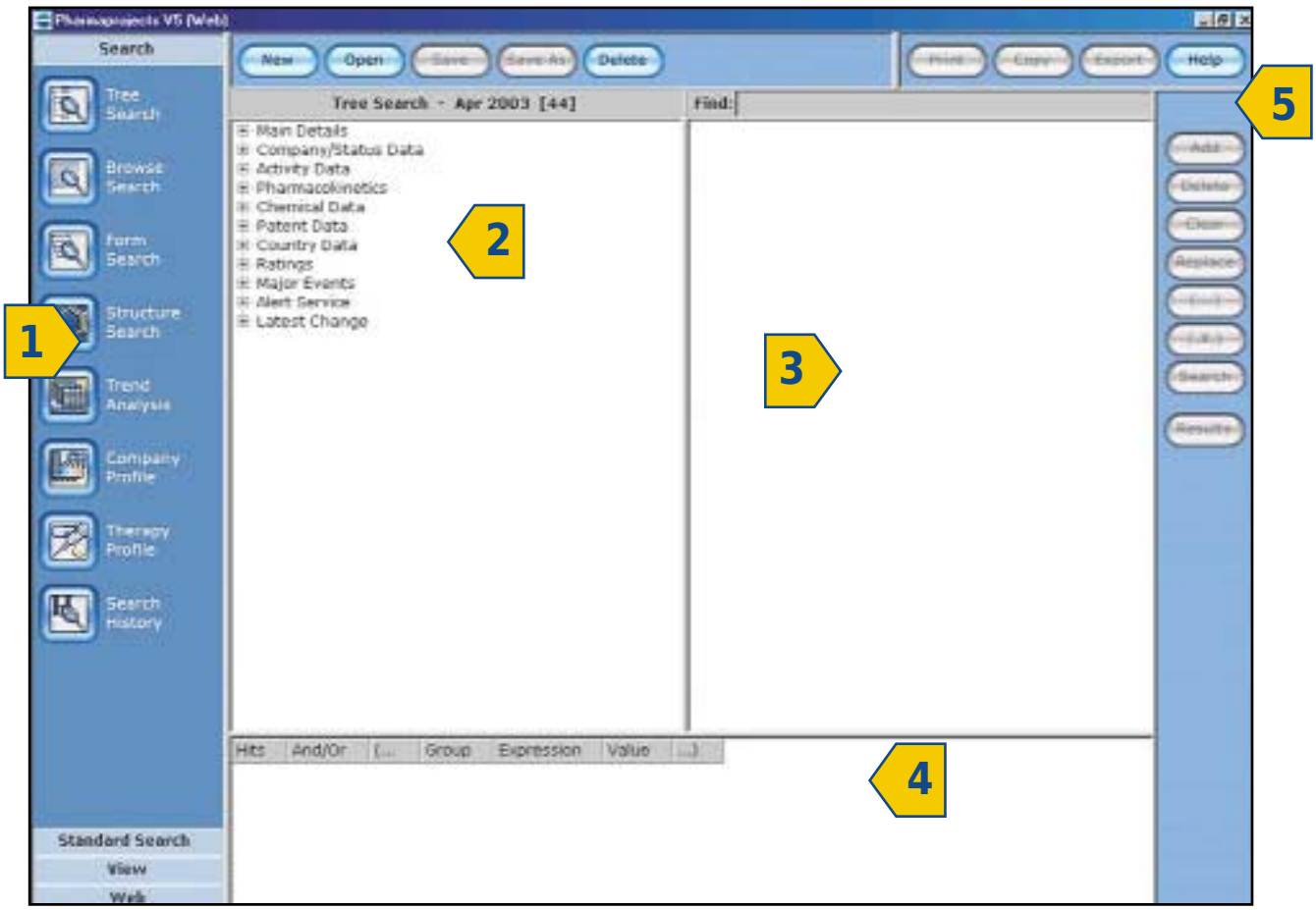
Exclusive access to the Members Only website

Ordering additional copies of this guide

If you would like additional copies of A Tour of Pharmaprojects, in print or electronic format, please contact pharmaprojects.enquiry@pjbpubs.com.

Or, download it as a pdf document from the Members Only site at www.pharmaprojects.com. If you have forgotten your password for this site please contact pharmaprojects.enquiry@pjbpubs.com.

Pharmaprojects – layout and function



How the opening screen is divided – layout and function

The opening Pharmaprojects screen has 5 main areas.

1 A variety of Pharmaprojects search functions can be selected from these icons and tabs.

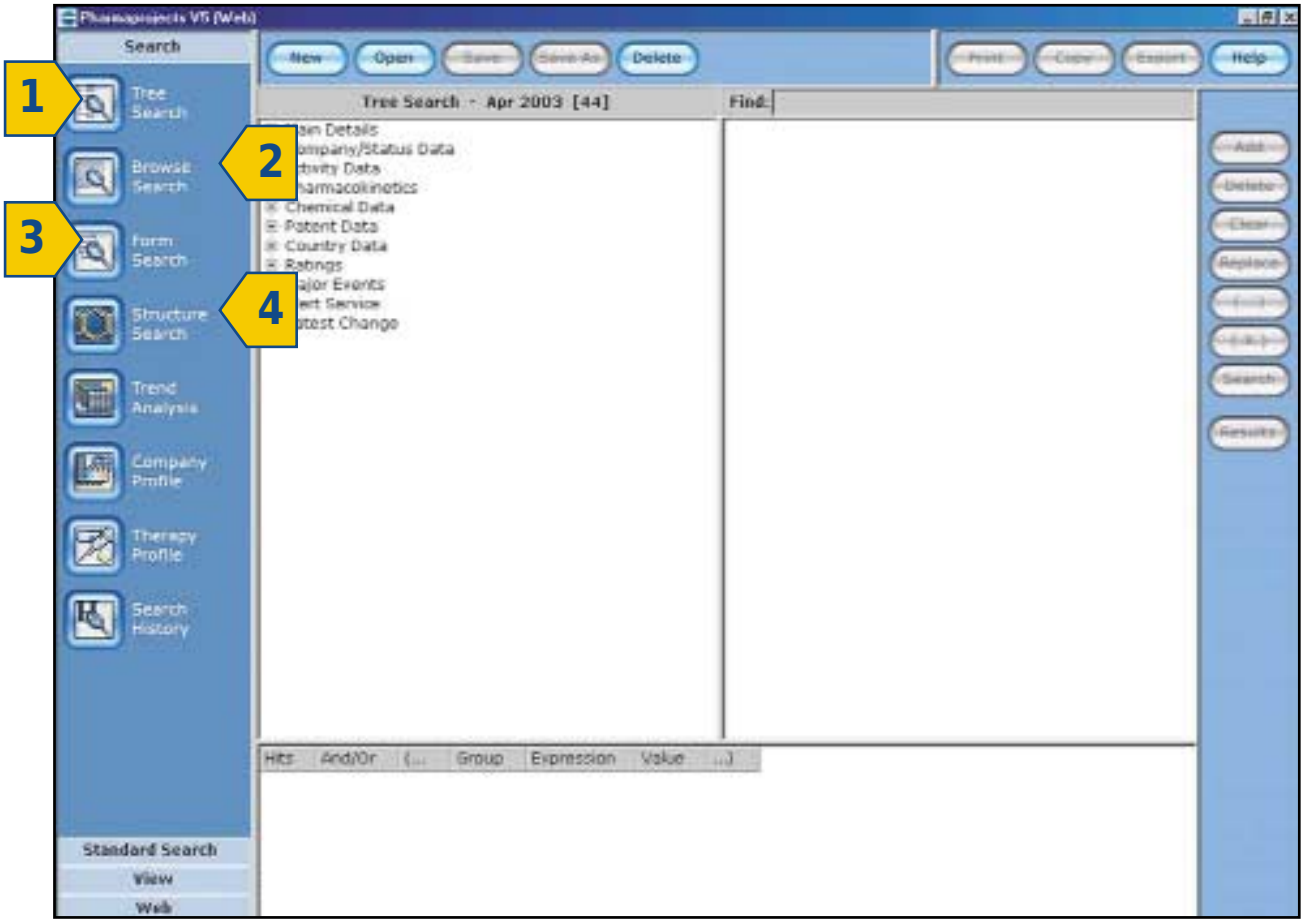
2 The default Tree Search option reveals the 11 main categories by which Pharmaprojects can be searched. Click on these to reveal the specific search fields.

3 Within each search field is a number of choices – often displayed as a pick-list. When a search field is selected the list is displayed to the right-hand side of the screen.

4 Your search will be constructed at the bottom of the screen with your selected choices.

5 The buttons at the right of the screen help you to edit the structure of your search, and the buttons at the top allow you to manage your search results.

Search Methods



Search Methods: Tree, Browse, Form and Structure

What each of the search methods provide:

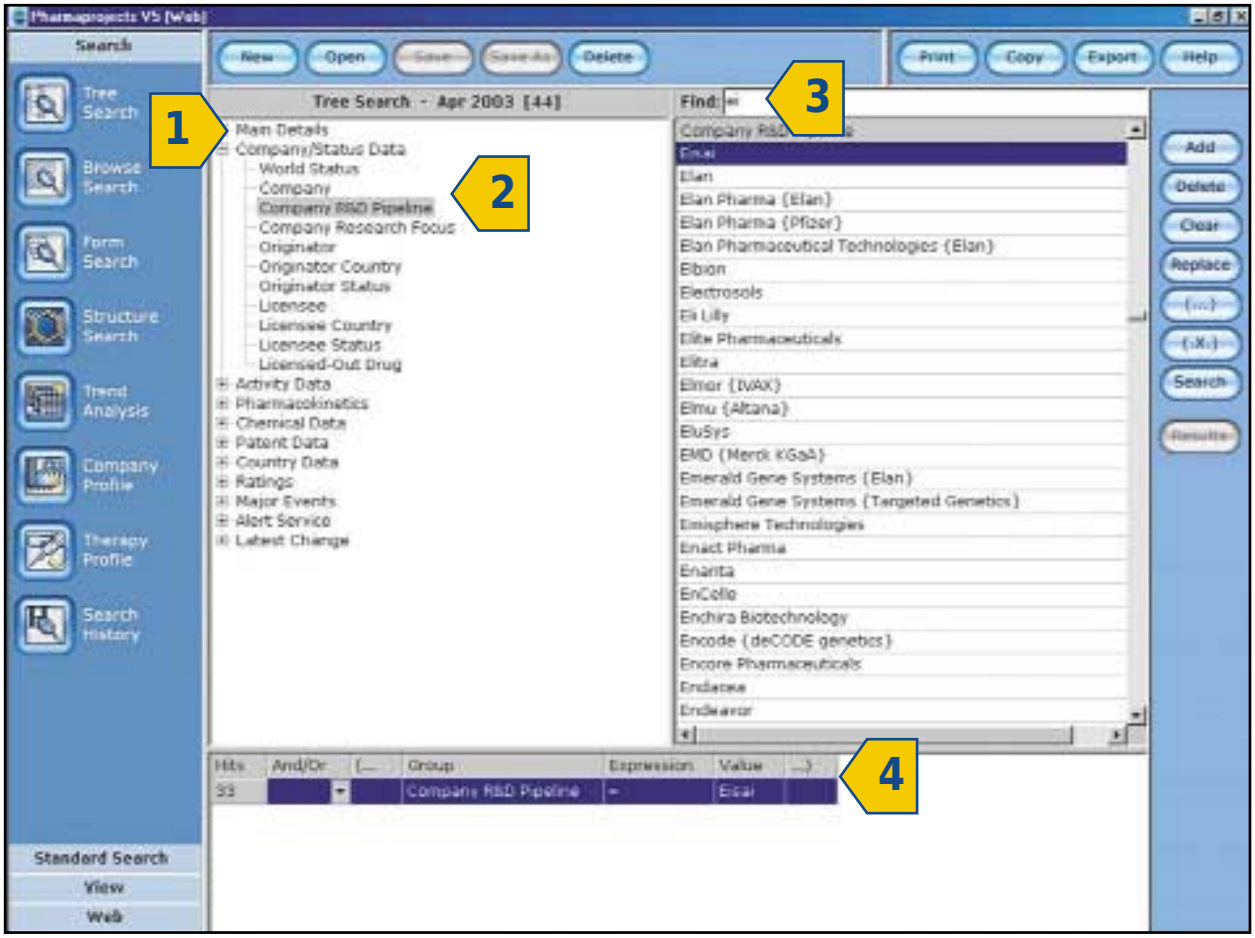
1 Tree Search; the searchable fields are organized into categories. This is the simplest search method and is recommended by Pharmaprojects. For a detailed description of how to perform a Tree Search see page 4.

2 Browse Search; the searchable fields are displayed as a list.

3 Form Search; the searchable fields are organized in the same format as they are found in a Drug Profile.

4 Structure Search allows you to search for chemical structures or substructures. This search method is explained in more detail on pages 26 and 35.

Tree Search – construction of



Constructing your search

In Tree Search, the searchable fields are organized into categories.

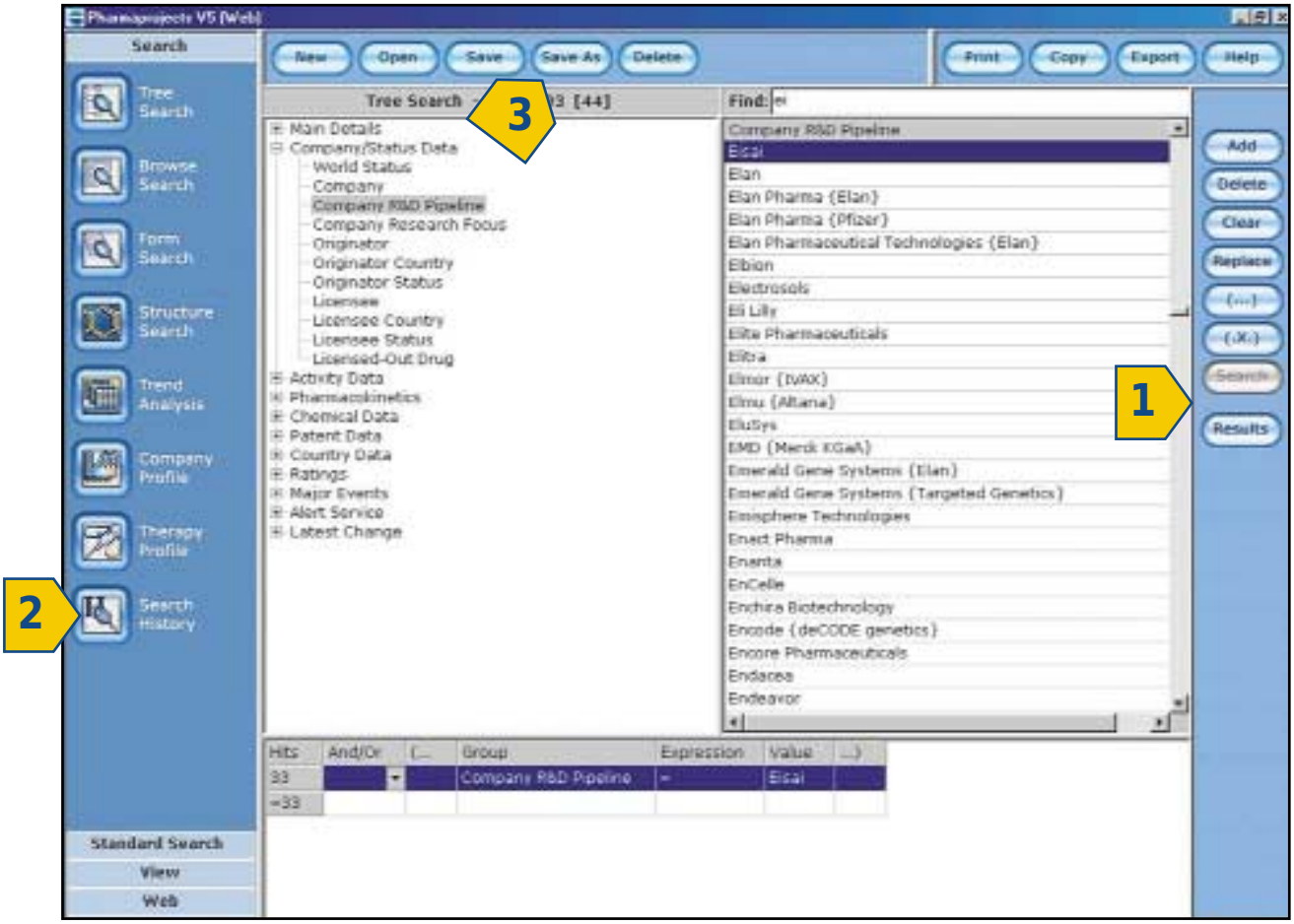
1 To view the contents of each category click on the + sign and the tree expands to show the search fields.

2 To select a search field, for example ‘Company R&D Pipeline’, highlight by clicking the field once and a list of choices will appear on the right-hand side of the screen.

3 To select your search term, type the first few letters in the Find box to locate the term, highlight the term in the list then click on Add.

4 Your search strategy is displayed at the bottom of the screen. Your results, or ‘Hits’, ie the number of drug profiles that result from your search are displayed under ‘Hits’.

Tree Search – results



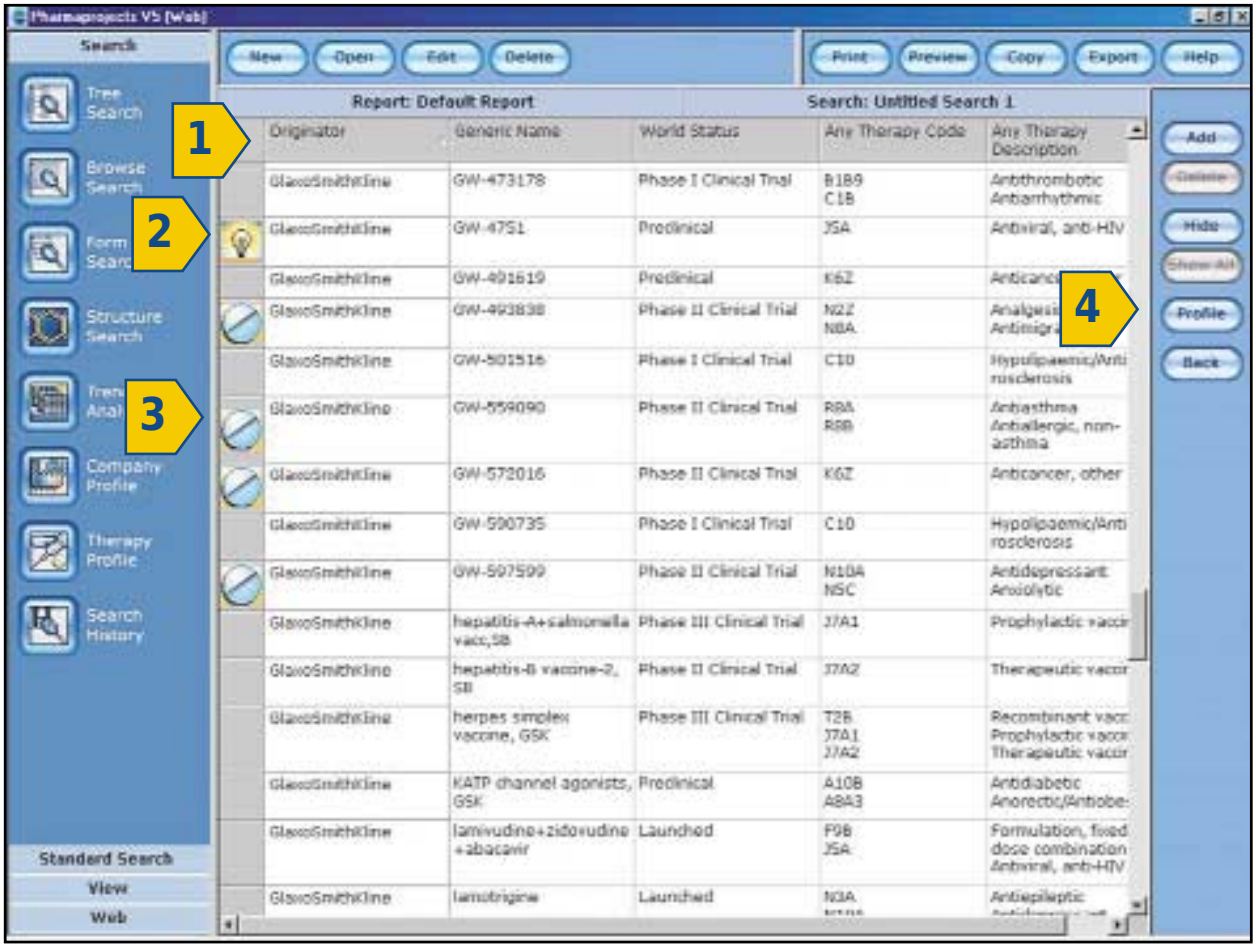
Viewing the results

1 Once you have selected your search criteria click on Search. To view the results of your search click on Results.

2 During any session, your search strategies are automatically logged in Search History as you complete them. Click on Search History to view your past searches. Search strategies are only stored in Search History for the duration of your current session – they are automatically cleared when you exit Pharmaprojects.

3 To save search strategies for future use, click on the Save or Save As buttons at the top of the screen. Use either button to name and save a search the first time it is run.

Report format – viewing your results



How the screen is divided

1 The table of results automatically created is a standard format report that always contains the fields listed below. This provides an overview of your results.

- Originator
- Generic Name
- World Status
- Therapy (by code and description)

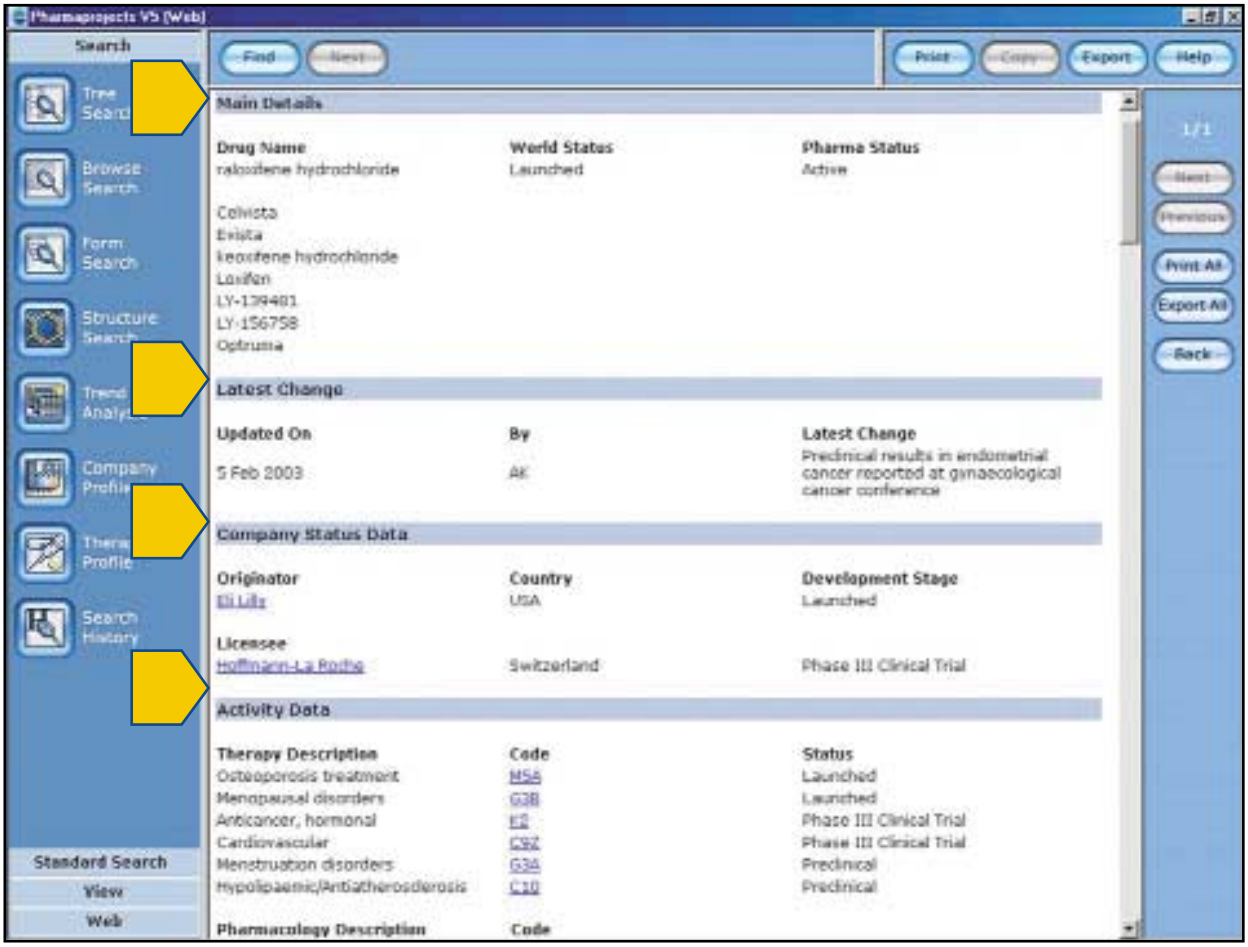
2 New products that have been added to Pharmaprojects since the last update are clearly labelled with a light bulb icon.

3 Similarly, drugs that have undergone a major change since the last update are labelled with a tablet icon.

4 From the Results screen, access the Drug Profiles by highlighting the drug of your choice and clicking on Profile.

To create a customized report or to display your results as a graph see pages 17 and 36, respectively.

Drug Profile – layout

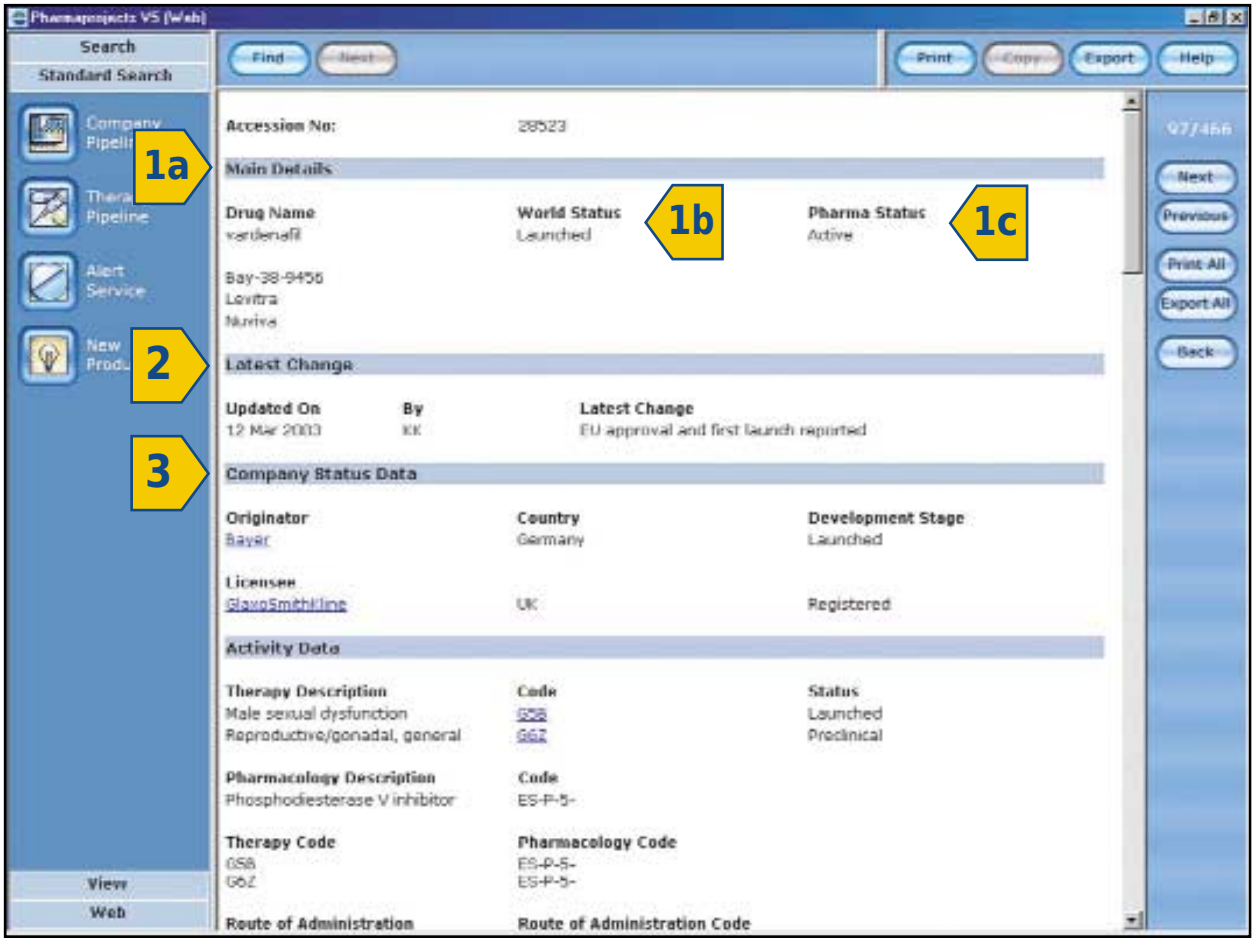


11 concise sections

All Drug Profiles follow the same format and are organized into 11 sections containing essential information. Within each of the sections are the searchable fields: all of which can be included in your searches.

For an overview of the information contained in each of the 11 sections, see pages 8-14.

Drug Profile – in detail



1a Section One: Main Details
Drug name: Generic name, trade names and lab codes.

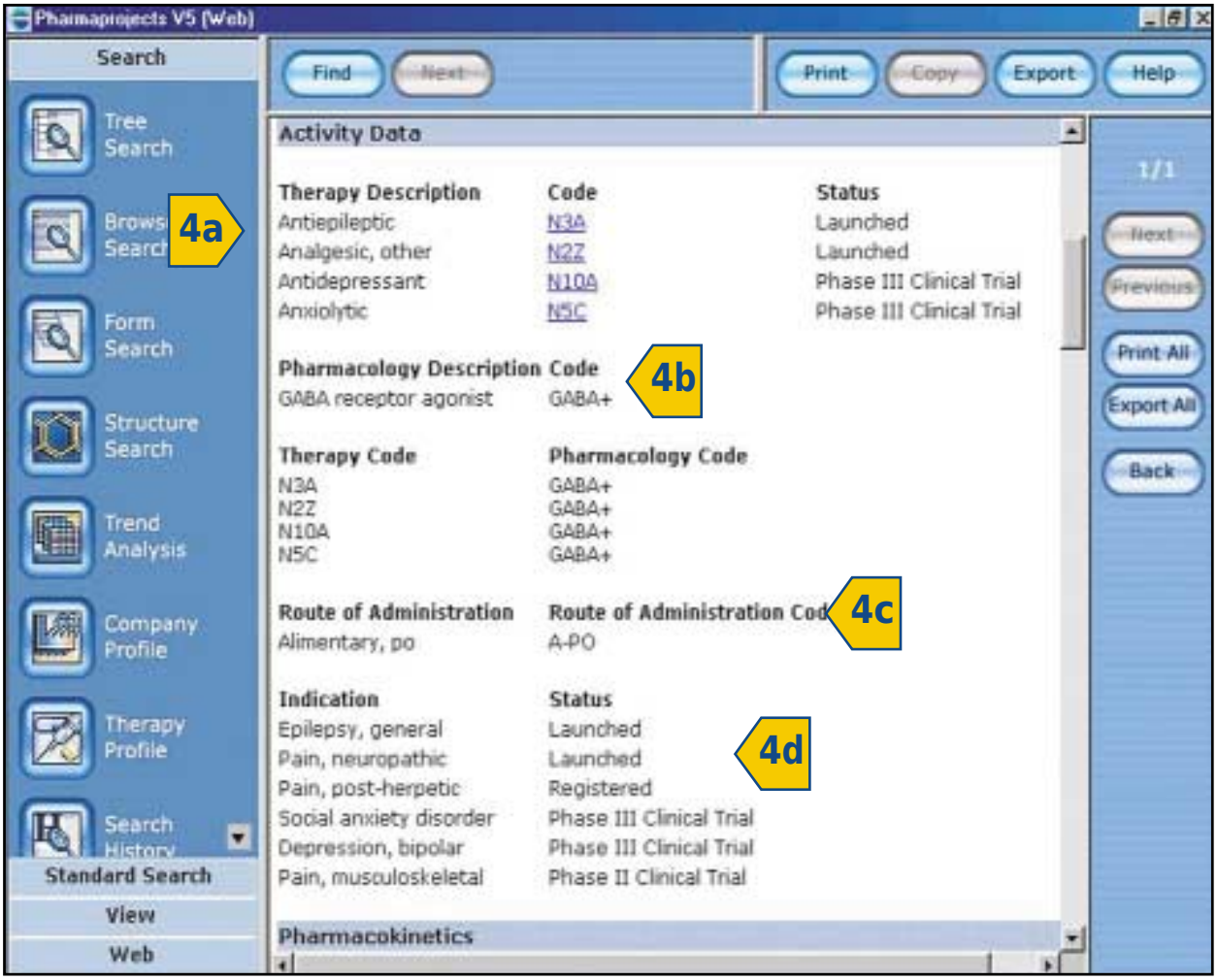
1b World Status: the most advanced stage of development the project has reached anywhere in the world.

1c Pharma Status: three broad categories called Active, Ceased and Fully Launched allow you to focus on your area of interest. The Ceased category contains not only Discontinued and Withdrawn drugs but also projects labelled as No Development Reported. This means that no activity in the drug's development has been detected or confirmed in the last 14-18 months.

2 Section Two: Latest Change
Alerts you to the most recent information added to a Drug Profile. Includes the date of the change, the initials of the editor responsible and a summary of the information added. Searchable by date.

3 Section Three: Company Status Data
Originator and Licensee name is linked to the country where each company is based and its development status. The company names provide hyperlinks to over 1500 Company Profiles, each of which are in turn linked directly to the company's corporate website.

Drug Profile – in detail



4a Section Four: Activity Data

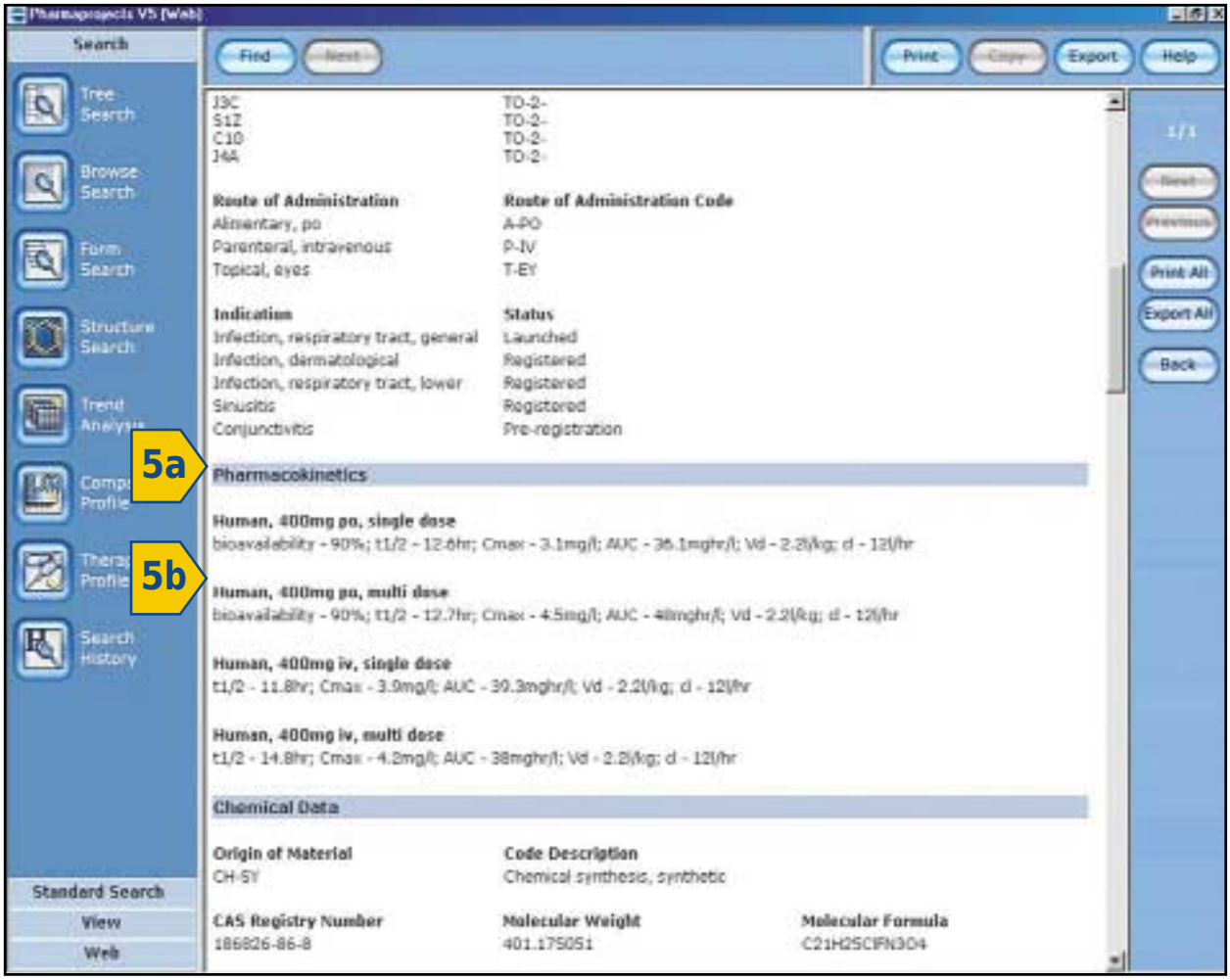
There are 218 Therapy Descriptions which, for the purpose of searching, are grouped into 16 broad therapeutic areas. Hyperlinks take you straight to Therapy Profiles containing key information including incidence data, market developments and hyperlinks to relevant web pages.

4b A choice of over 1000 Pharmacological Descriptions helps you to specify the mechanism of action of the compounds that you are searching for.

4c Up to 3 Route of Administration codes are listed for each Drug Profile.

4d Indication is linked to Indication Status enabling highly-specific searching.
For example, you could search for all drugs in Phase II trials for breast cancer.

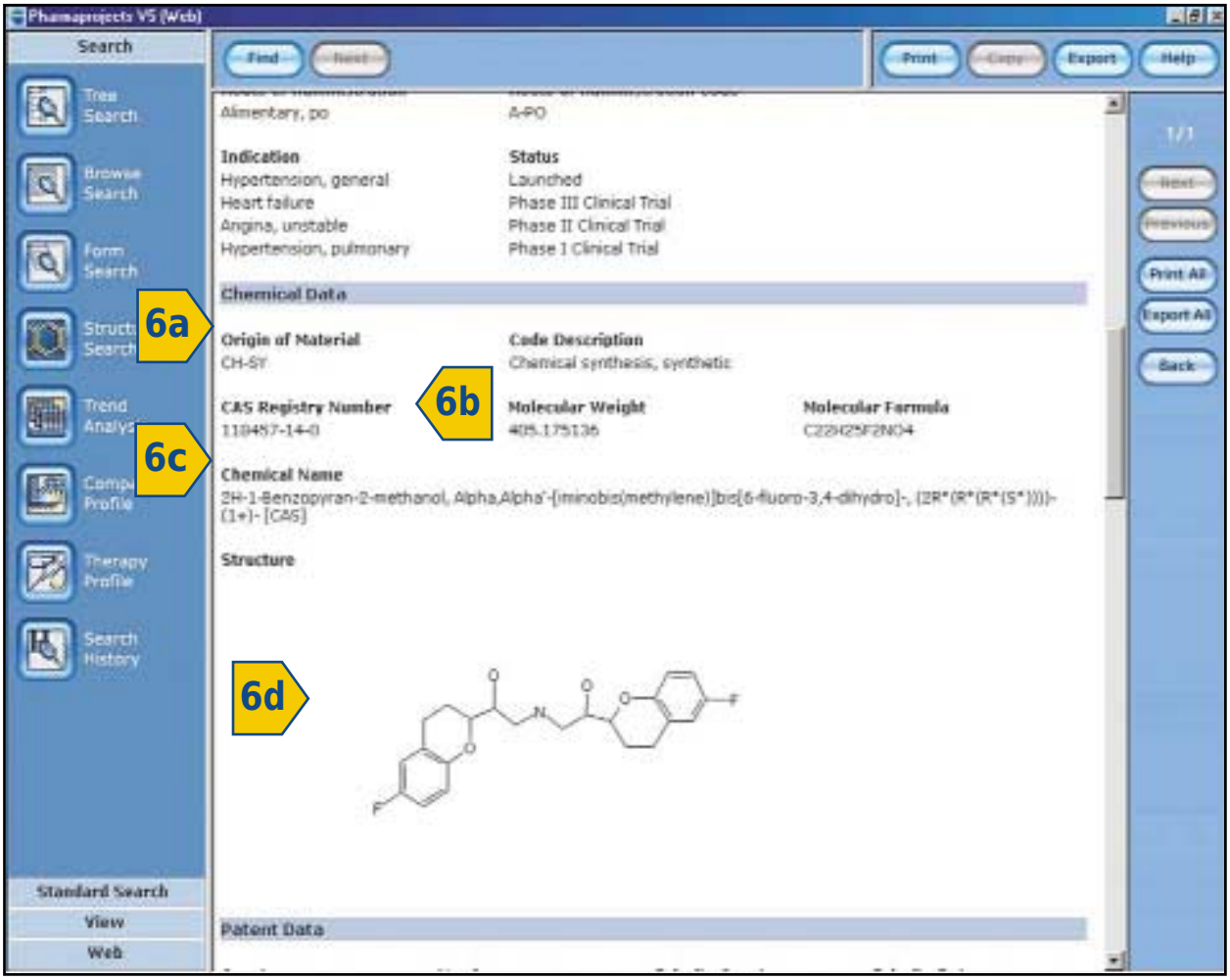
Drug Profile – in detail



5a Section Five: Pharmacokinetics
Pharmaprojects holds data on the following pharmacokinetic parameters, where available : bioavailability, half-life (t1/ 2), Tmax, Cmax, AUC, Volume of distribution (Vd), Clearance (Cl) and MTD.

5b The data is categorized by animal model (human, dog etc), dose and route of administration. The pharmacokinetic field is searchable by Half-Life and Bioavailability.

Drug Profile – in detail



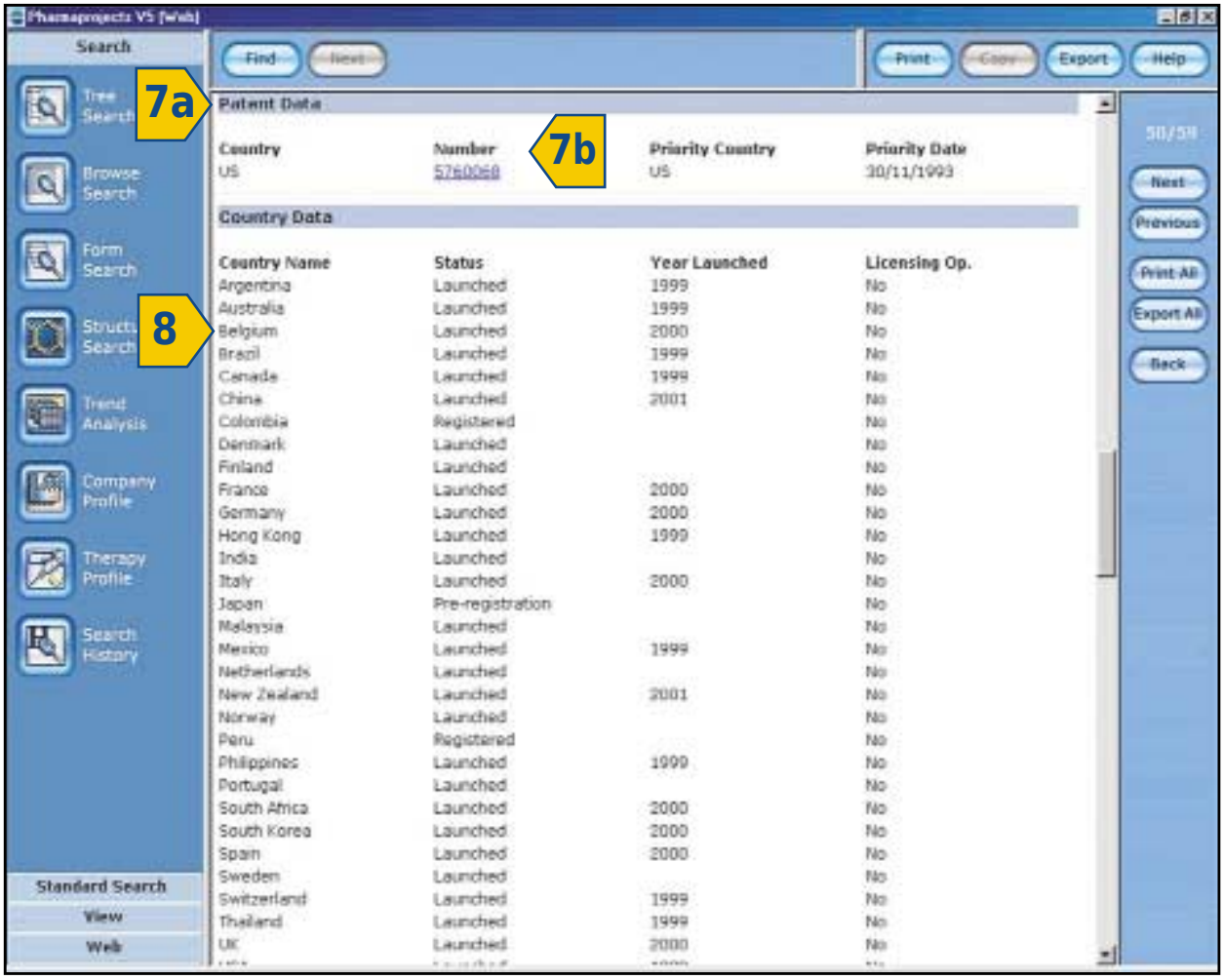
6a Section Six: Chemical Data
Origin of Material is a field unique to Pharmaprojects with 3 broad classifications: Biologicals, Natural Products and Chemical Entities. These are further sub-divided into 29 classifications.

6b Find the compounds you are looking for using CAS® Registry Number searching.

6c Use the Chemical Name field to search for a chemical name or section of a chemical name.

6d Using CAS® Draw, search over 14000 structures; also substructure or similarity searching. Pharmaprojects is also compatible with MDL® ISIS Draw and Chem Draw 7.0. Structures can be exported in .SDF format or displayed within reports in Microsoft® Excel.

Drug Profile – in detail

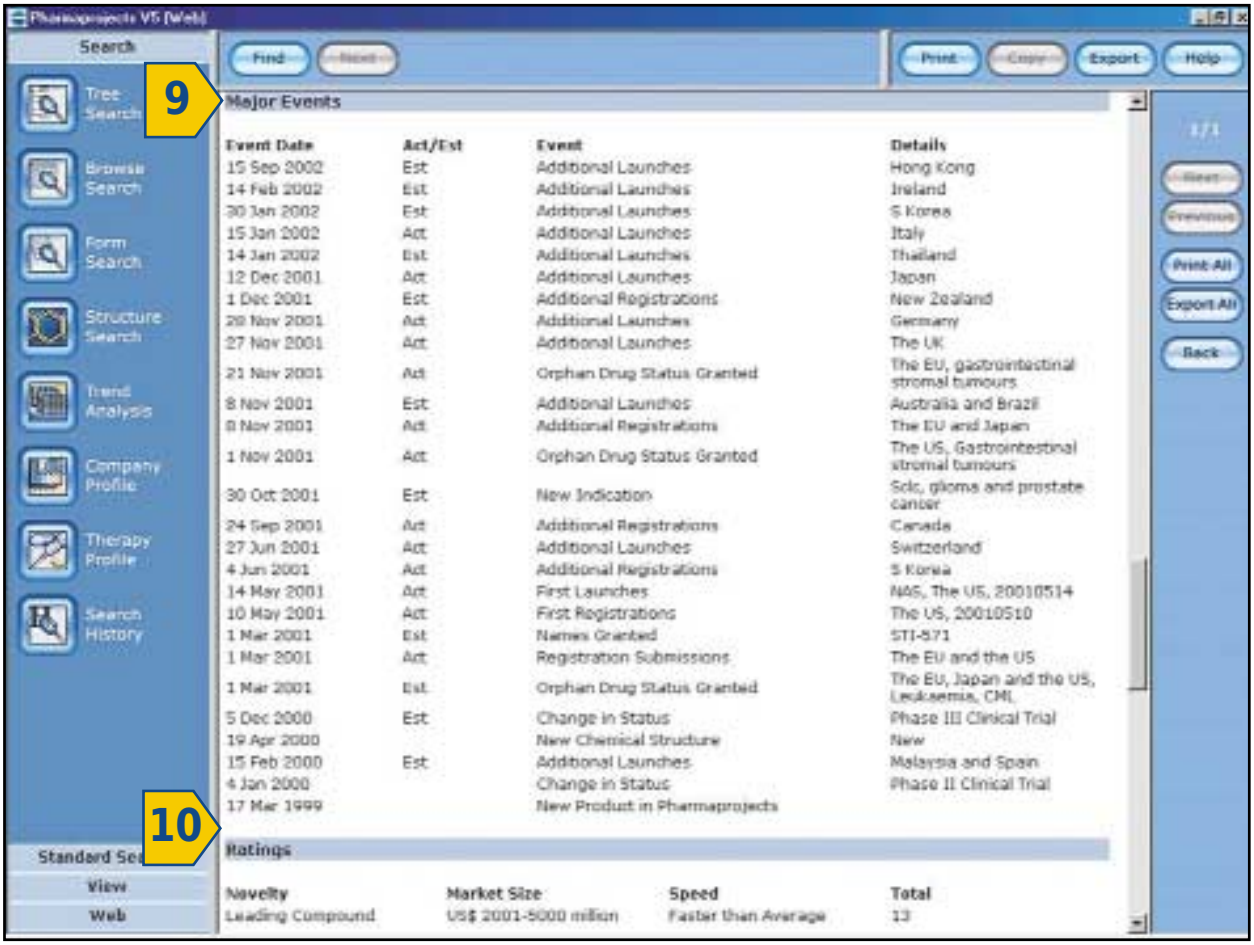


7a Section Seven: Patent Data
Patent Number, Country, and Priority Date/ Country Data are held on the major patents. Dates are range-searchable. Additional patent numbers are often listed in the text of the Drug Profile.

7b Links are provided to patent numbers and patent documents in partnership with MicroPatent®, leaders in online patent searching and document delivery.

8 Section Eight: Country Data
Pharmaprojects enables you to specify your searches using geographic criteria. Data on the development status, year of launch and licensing opportunities is provided for 40 countries.

Drug Profile – in detail


Search
Tree Search
Browse Search
Form Search
Structure Search
Trend Analysis
Company Profile
Therapy Profile
Search History
Standard Se
View
Web
Find
Print
Export
Help
9
Major Events
Event Date | Act/Est | Event | Details
15 Sep 2002 | Est | Additional Launches | Hong Kong
14 Feb 2002 | Est | Additional Launches | Ireland
30 Jan 2002 | Est | Additional Launches | S Korea
15 Jan 2002 | Act | Additional Launches | Italy
14 Jan 2002 | Est | Additional Launches | Thailand
12 Dec 2001 | Act | Additional Launches | Japan
1 Dec 2001 | Est | Additional Registrations | New Zealand
28 Nov 2001 | Act | Additional Launches | Germany
27 Nov 2001 | Act | Additional Launches | The UK
21 Nov 2001 | Act | Orphan Drug Status Granted | The EU, gastrointestinal stromal tumours
8 Nov 2001 | Est | Additional Launches | Australia and Brazil
8 Nov 2001 | Act | Additional Registrations | The EU and Japan
1 Nov 2001 | Act | Orphan Drug Status Granted | The US, Gastrointestinal stromal tumours
30 Oct 2001 | Est | New Indication | Sclc, glioma and prostate cancer
24 Sep 2001 | Act | Additional Registrations | Canada
27 Jun 2001 | Act | Additional Launches | Switzerland
4 Jun 2001 | Act | Additional Registrations | S Korea
14 May 2001 | Act | First Launches | NAS, The US, 20010514
10 May 2001 | Act | First Registrations | The US, 20010510
1 Mar 2001 | Est | Names Granted | STI-571
1 Mar 2001 | Act | Registration Submissions | The EU and the US
1 Mar 2001 | Est | Orphan Drug Status Granted | The EU, Japan and the US, Leukaemia, CML
5 Dec 2000 | Est | Change in Status | Phase III Clinical Trial
19 Apr 2000 | | New Chemical Structure | New
15 Feb 2000 | Est | Additional Launches | Malaysia and Spain
4 Jan 2000 | | Change in Status | Phase II Clinical Trial
17 Mar 1999 | | New Product in Pharmaprojects
10
Ratings
Novelty | Market Size | Speed | Total
Leading Compound | US$ 2001-5000 million | Faster than Average | 13
Print All
Export All
Back

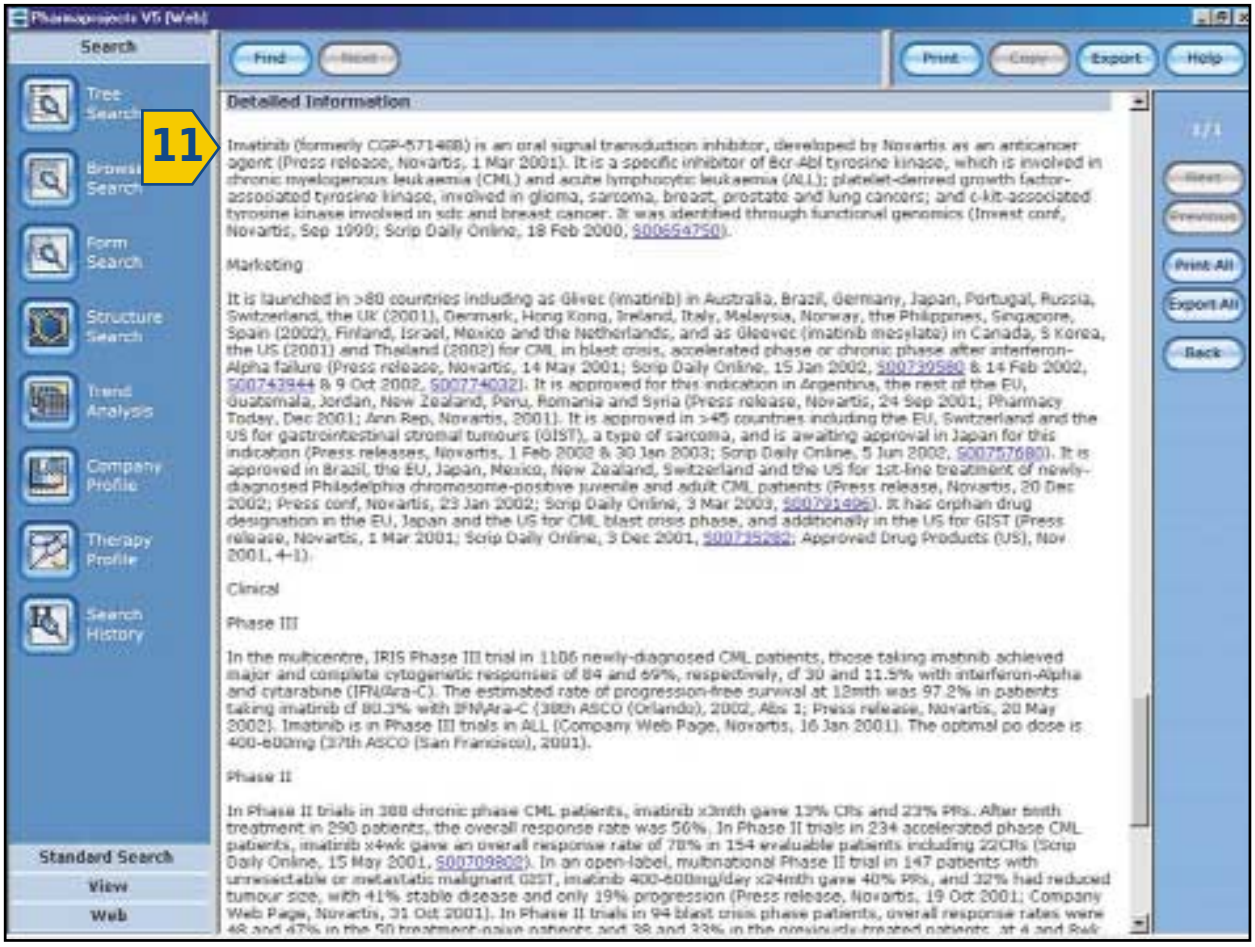
9 Section Nine: Major Events

The Major Events section records all the major events that have occurred during a drug's development. There are 25 major event categories. The field is searchable by Major Event, Major Event Date and Major Event Details.

10 Section Ten: Ratings

The Ratings compare a drug's novelty and speed through development to other drugs in its primary therapeutic area, and notes the market size of the therapeutic area.

Drug Profile – in detail


Search
Tree Search
Browse Search
Form Search
Structure Search
Trend Analysis
Company Profile
Therapy Profile
Search History
Standard Search
View
Web
Find
Print
Export
Help
Detailed Information
11
Imatinib (formerly CGP-57148B) is an oral signal transduction inhibitor, developed by Novartis as an anticancer agent (Press release, Novartis, 1 Mar 2001). It is a specific inhibitor of Bcr-Abl tyrosine kinase, which is involved in chronic myelogenous leukaemia (CML) and acute lymphocytic leukaemia (ALL); platelet-derived growth factor-associated tyrosine kinase, involved in glioma, sarcoma, breast, prostate and lung cancers; and c-kit-associated tyrosine kinase involved in sclc and breast cancer. It was identified through functional genomics (Invest conf, Novartis, Sep 1999; Scrip Daily Online, 18 Feb 2000, S00654750).
Marketing
It is launched in >80 countries including as Glivec (imatinib) in Australia, Brazil, Germany, Japan, Portugal, Russia, Switzerland, the UK (2001), Denmark, Hong Kong, Ireland, Italy, Malaysia, Norway, the Philippines, Singapore, Spain (2002), Finland, Israel, Mexico and the Netherlands, and as Gleevec (imatinib mesylate) in Canada, S Korea, the US (2001) and Thailand (2002) for CML in blast crisis, accelerated phase or chronic phase after interferon-Alpha failure (Press release, Novartis, 14 May 2001; Scrip Daily Online, 15 Jan 2002, S00739580 & 14 Feb 2002, S00743944 & 9 Oct 2002, S00774032). It is approved for this indication in Argentina, the rest of the EU, Guatemala, Jordan, New Zealand, Peru, Romania and Syria (Press release, Novartis, 24 Sep 2001; Pharmacy Today, Dec 2001; Ann Rep, Novartis, 2001). It is approved in >45 countries including the EU, Switzerland and the US for gastrointestinal stromal tumours (GIST), a type of sarcoma, and is awaiting approval in Japan for this indication (Press releases, Novartis, 1 Feb 2002 & 30 Jan 2003; Scrip Daily Online, 5 Jun 2002, S00757680). It is approved in Brazil, the EU, Japan, Mexico, New Zealand, Switzerland and the US for 1st-line treatment of newly-diagnosed Philadelphia chromosome-positive juvenile and adult CML patients (Press release, Novartis, 20 Dec 2002; Press conf, Novartis, 23 Jan 2002; Scrip Daily Online, 3 Mar 2003, S00791496). It has orphan drug designation in the EU, Japan and the US for CML blast crisis phase, and additionally in the US for GIST (Press release, Novartis, 1 Mar 2001; Scrip Daily Online, 3 Dec 2001, S00735282; Approved Drug Products (US), Nov 2001, 4-1).
Clinical
Phase III
In the multicentre, IRIS Phase III trial in 1106 newly-diagnosed CML patients, those taking imatinib achieved major and complete cytogenetic responses of 84 and 69%, respectively, of 30 and 11.5% with interferon-Alpha and cytarabine (IFN/Ara-C). The estimated rate of progression-free survival at 12mth was 97.2% in patients taking imatinib of 80.3% with IFN/Ara-C (38th ASCO (Orlando), 2002, Abs 1; Press release, Novartis, 20 May 2002). Imatinib is in Phase III trials in ALL (Company Web Page, Novartis, 16 Jan 2001). The optimal po dose is 400-600mg (37th ASCO (San Francisco), 2001).
Phase II
In Phase II trials in 388 chronic phase CML patients, imatinib x3mth gave 13% CRs and 23% PRs. After 6mth treatment in 290 patients, the overall response rate was 56%. In Phase II trials in 234 accelerated phase CML patients, imatinib x4wk gave an overall response rate of 78% in 154 evaluable patients including 22CRs (Scrip Daily Online, 15 May 2001, S00709808). In an open-label, multinational Phase II trial in 147 patients with unresectable or metastatic malignant GIST, imatinib 400-600mg/day x24mth gave 40% PRs, and 32% had reduced tumour size, with 41% stable disease and only 19% progression (Press release, Novartis, 19 Oct 2001; Company Web Page, Novartis, 31 Oct 2001). In Phase II trials in 94 blast crisis phase patients, overall response rates were

11 Section Eleven: Detailed Information

The Detailed Information section summarizes all the information from the searchable fields plus additional information as a fully referenced text monograph. It is organized into sub-headings and the text is searchable. Hyperlinks are provided to full news stories in *Scrip World Pharmaceutical News* since January 2001.

Order of sub-headings:

Marketing:
Contains details of launches, regulatory proceedings and licensing agreements.

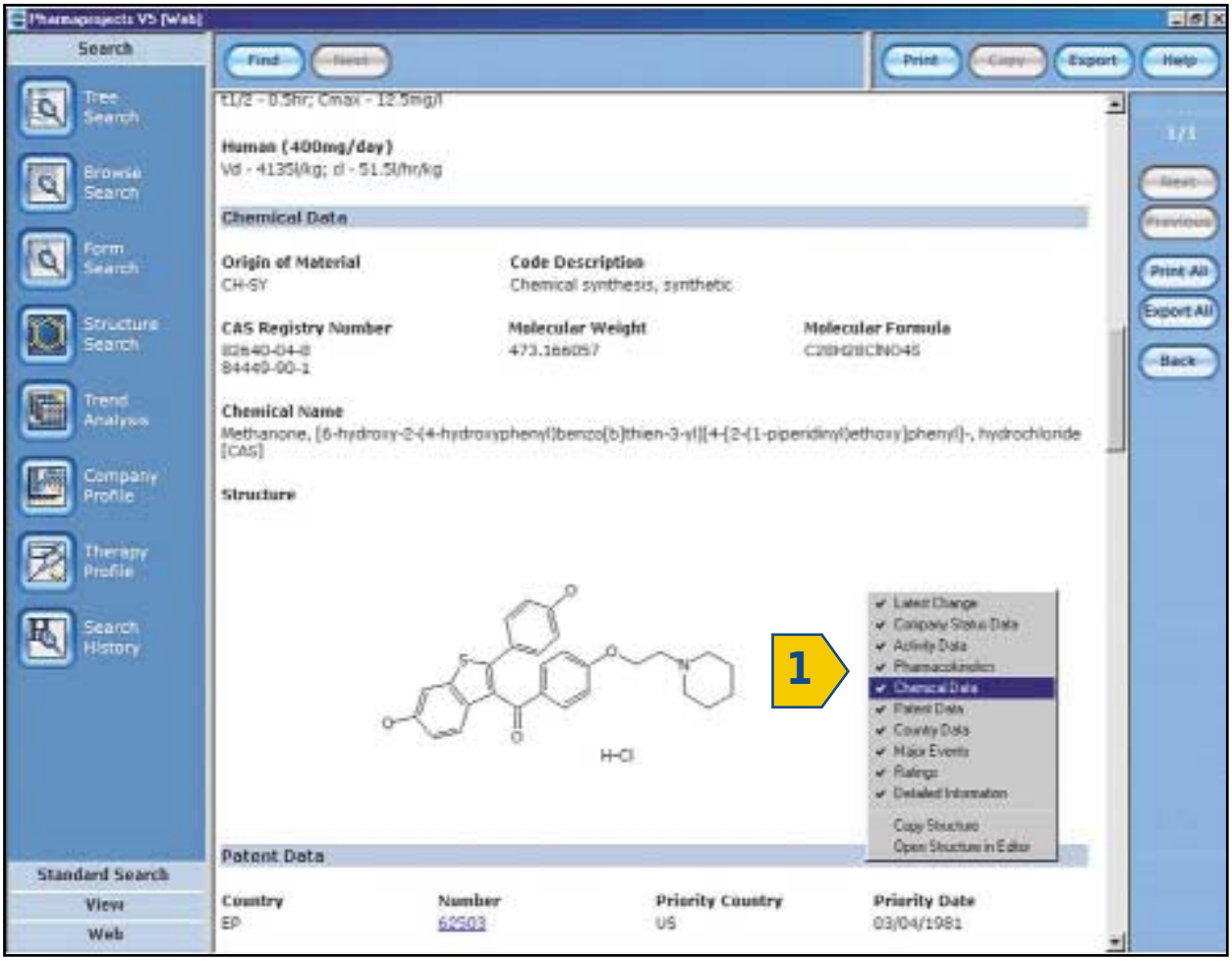
Clinical:
The clinical section is further subdivided into 3 sections, containing pivotal Phase III data plus at least one Phase I and II trial result, where available. Planned trials and results from completed trials are included.

Licensing:
Details of licensing opportunities.

Additional Clinical Information:
In-depth information including post-marketing and pharmacoeconomics data is sourced from over 500 referenced publications. This section is further organized into the following sections: Post Marketing, Phase III, Phase II, Phase I.

Additional Clinical References

Customizing Drug Profiles

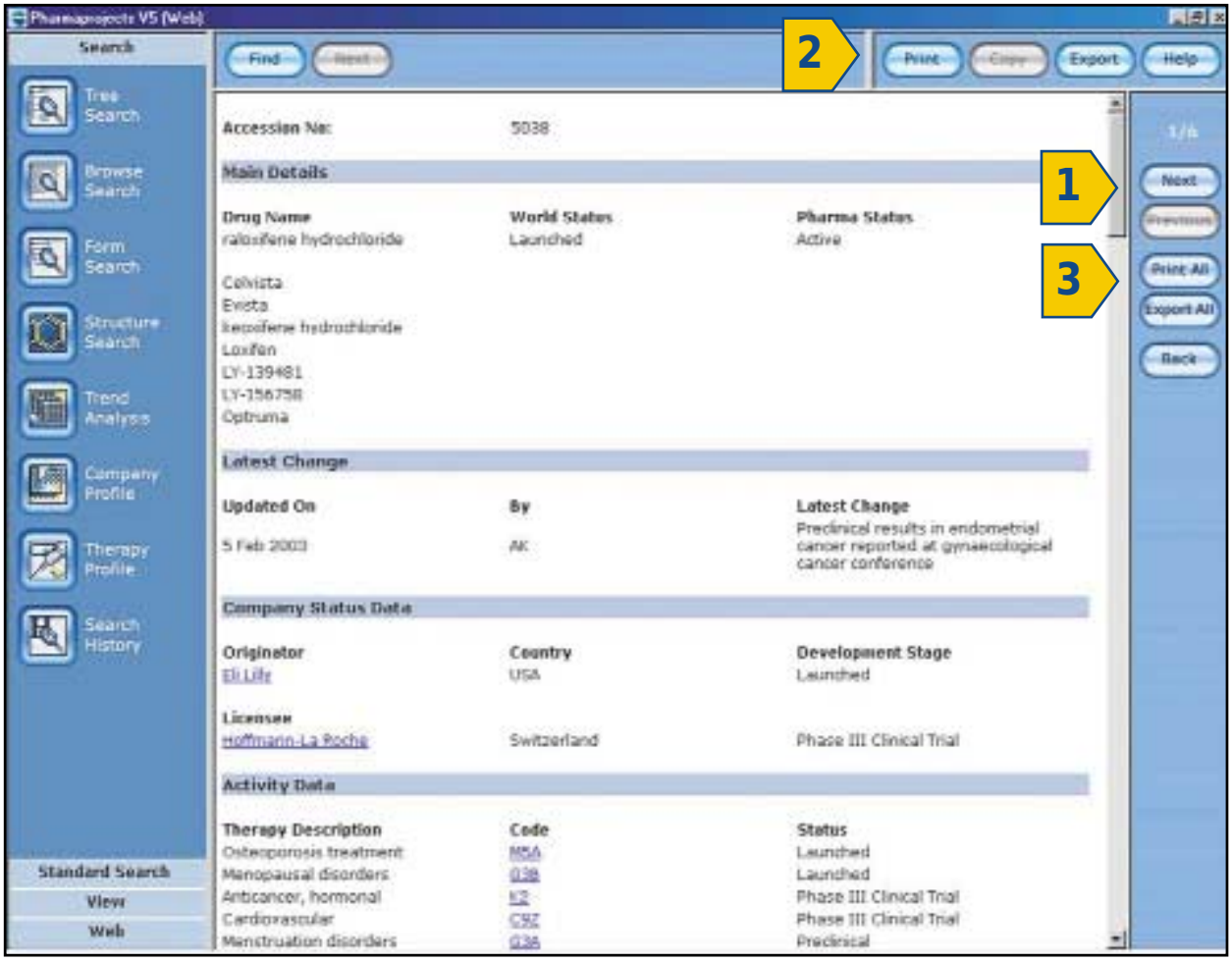


Select/ deselect sections of the Drug Profile for display

1

You can customize the layout of a Drug Profile by selecting from the 10 available drug profile sections. Right click over the Drug Profile to display the categories available and select/ deselect as required.

Drug Profile – manipulation



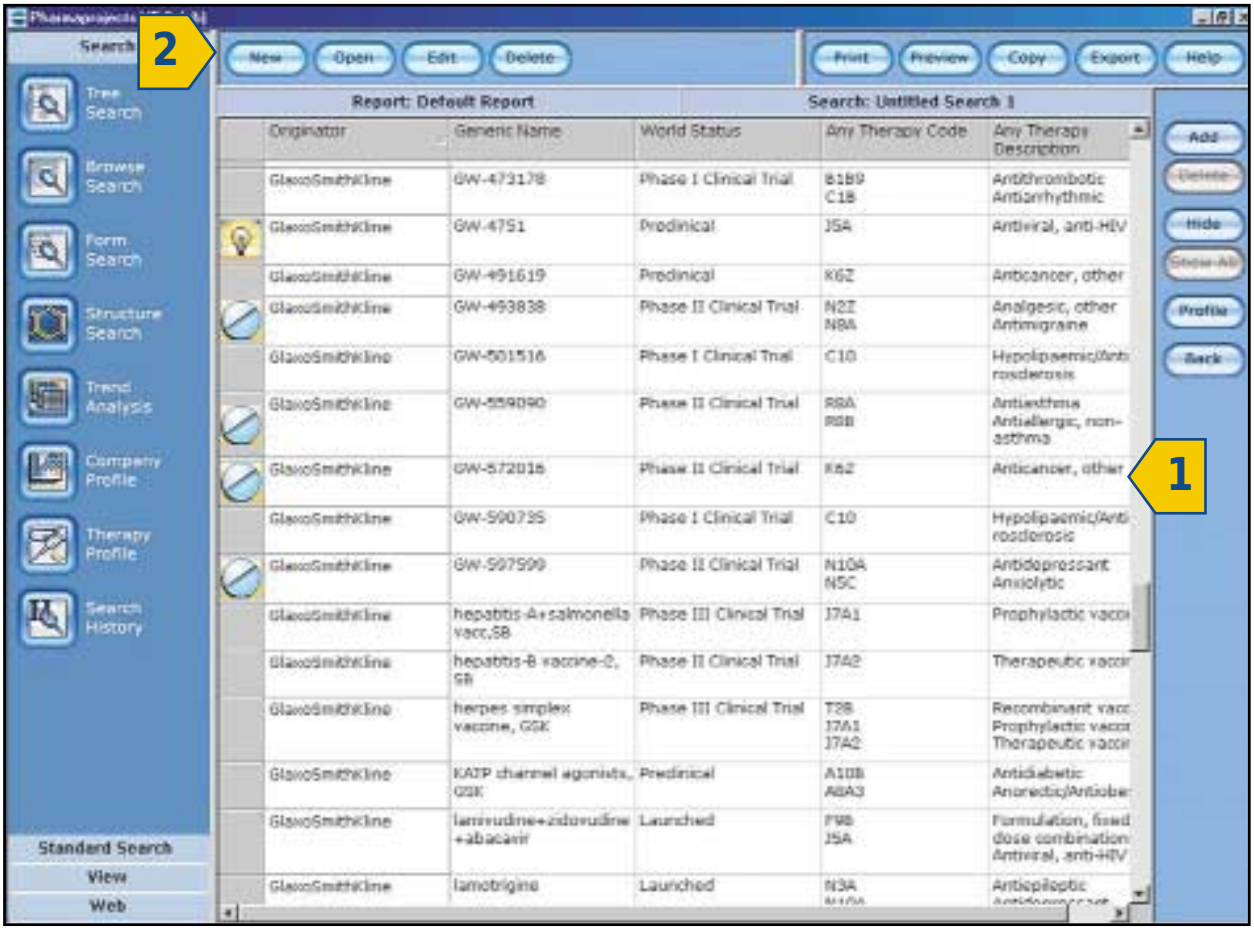
Navigating, printing and exporting

1 Navigate easily from one profile to another using the Next and Previous buttons. The figure above these buttons displays which profile number from the total results is currently displayed.

2 To print or export the Drug Profile you are viewing – simply click on Print or Export.

3 To print or export a number of profiles click on Print All or Export All.

Creating a customized report



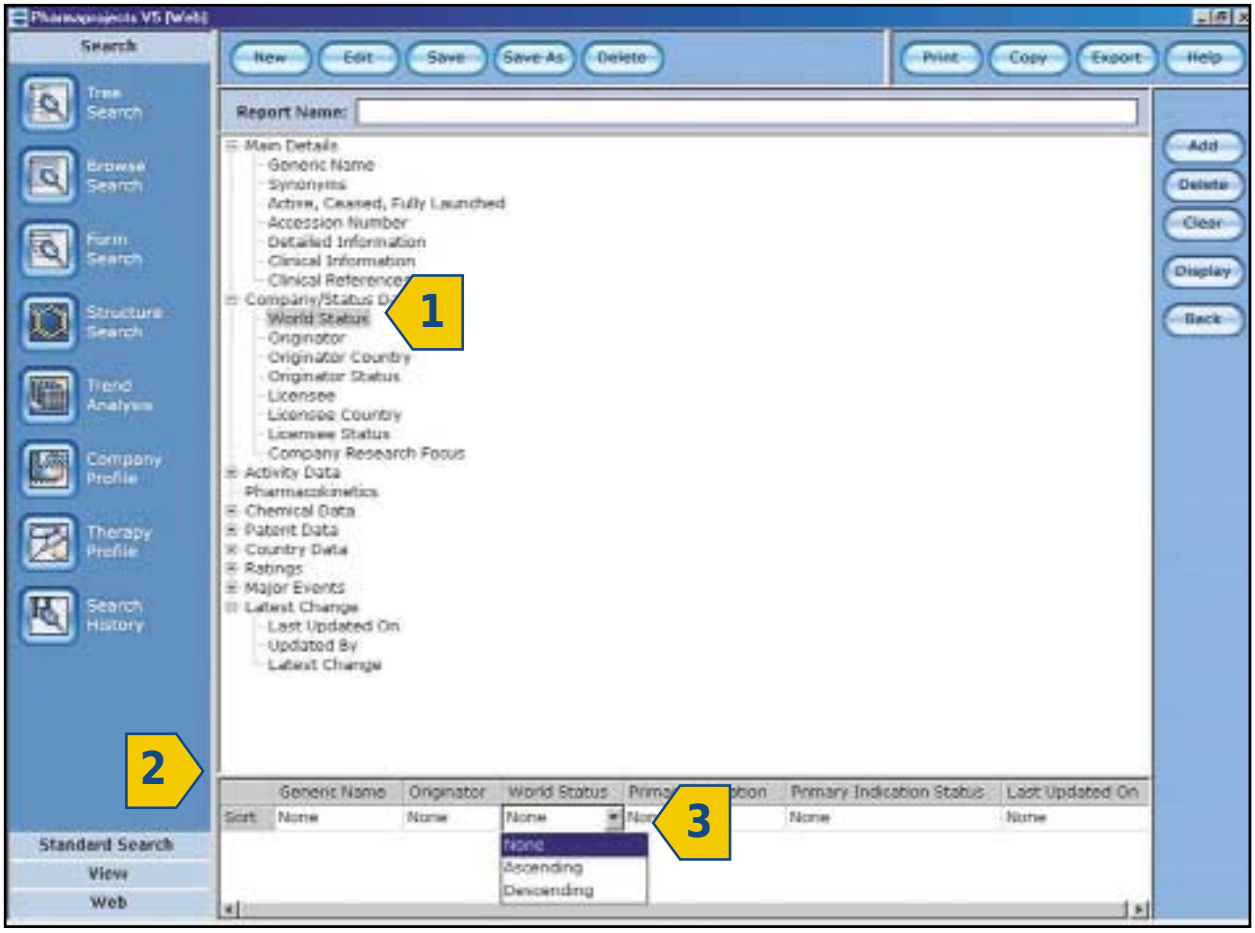
Creating a new report

1 After performing a search, your results will be displayed in the standard report format. The table of results automatically created is a standard format report that always contains the fields listed below. This provides an overview of your results.

- Originator
- Generic Name
- World Status
- Therapy (by code and description)

2 To customize this report click on New at the top of the screen.

Creating a customized report – field selection



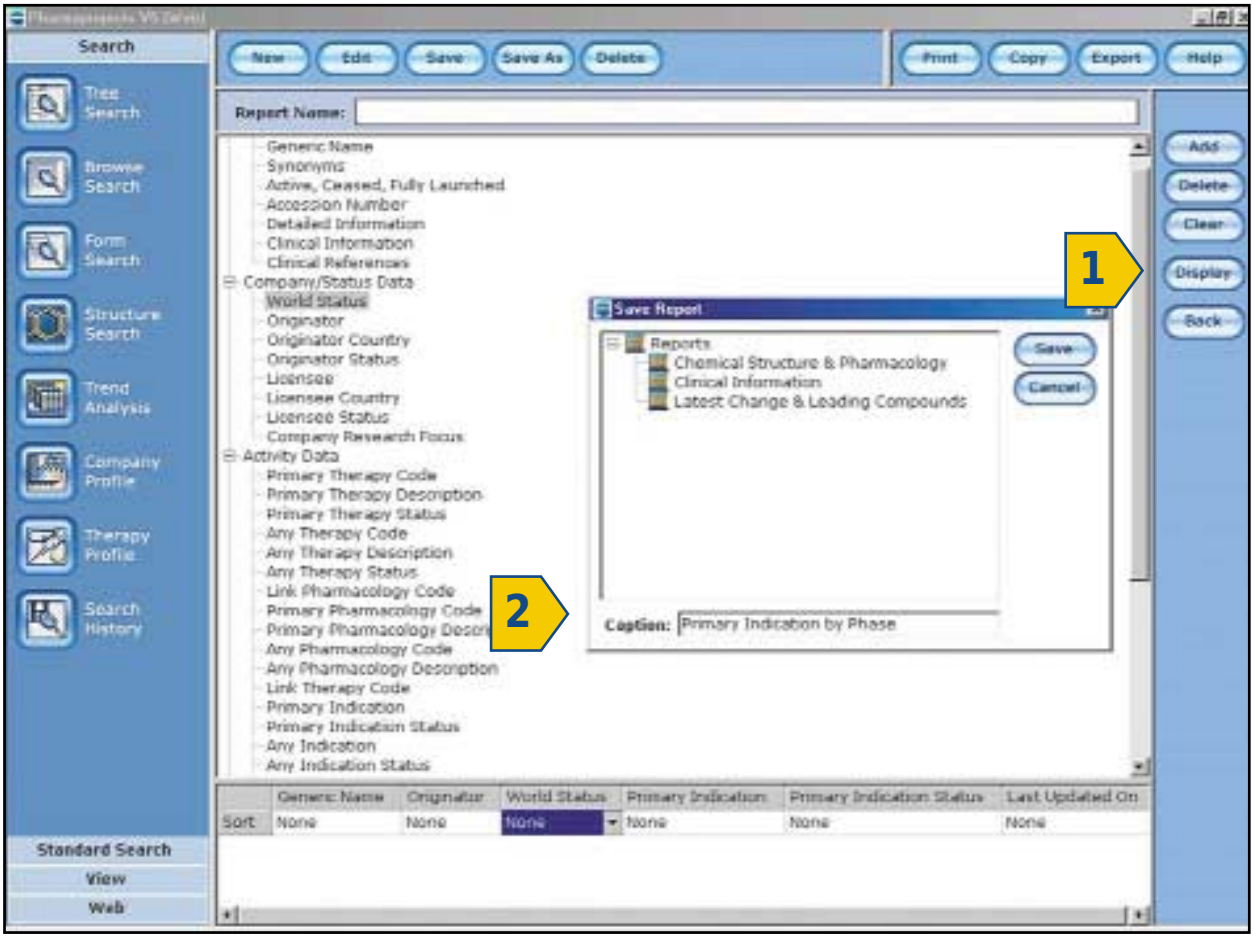
Organization of fields for selection

1 The fields available for selection are organized into categories similar to a Tree Search. Double-click on any field that you want to include in your report.

2 The selected fields are displayed as individual columns. The order of the columns can be changed easily by highlighting the column and holding down the SHIFT key while you drag and drop the column into the desired position.

3 Most fields have an option to sort the data.

Creating a customized report – saving

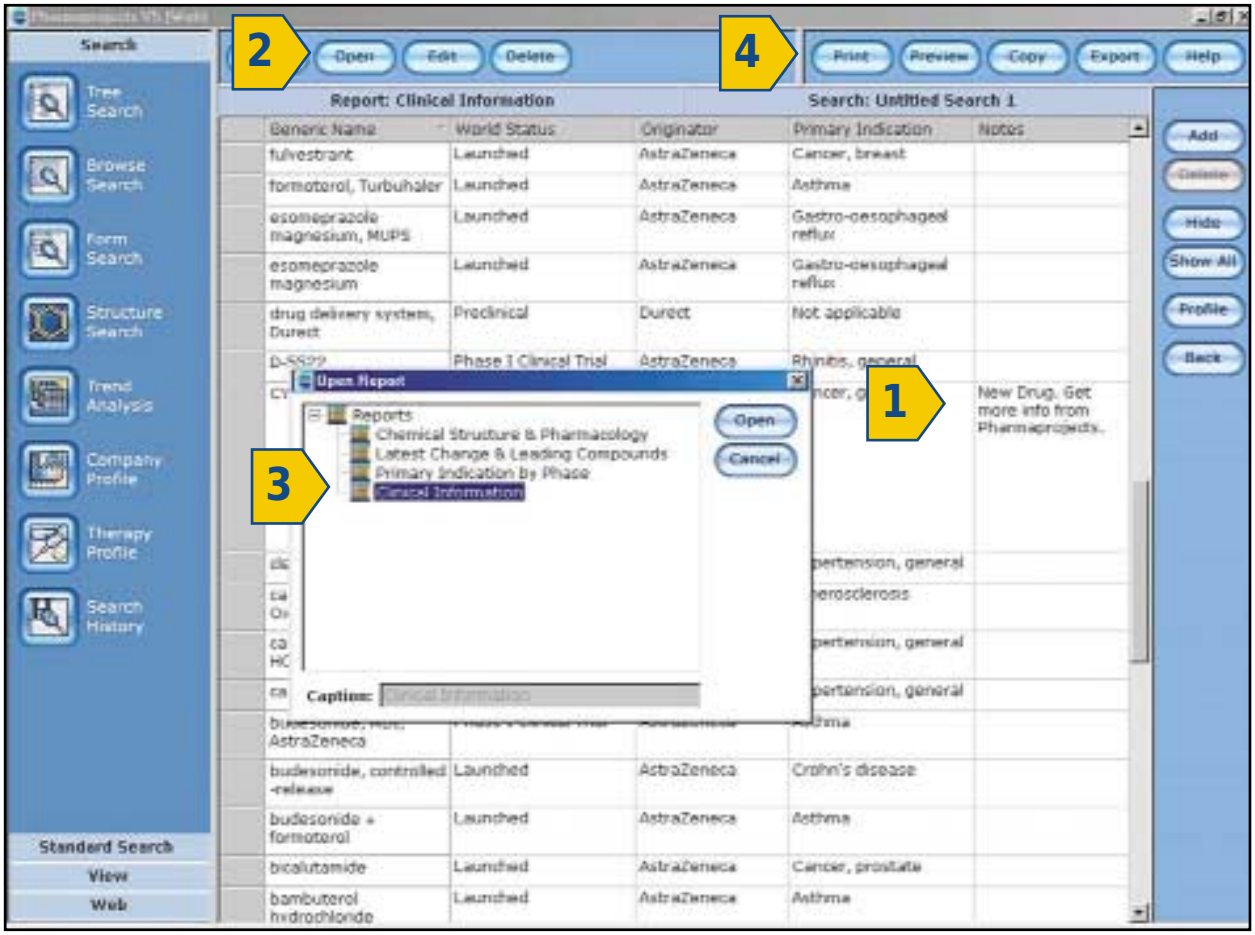


Saving a report format

1 When you have completed your field selection click on the Display button. A dialog box will ask you if you wish to save the report. Click Yes and a Save Report box will appear.

2 Name your report and click on the Save button. The results of your last search will be displayed in your customized format.

Creating a customized report – manipulation



Annotating reports, opening saved reports, print, export, copy, preview

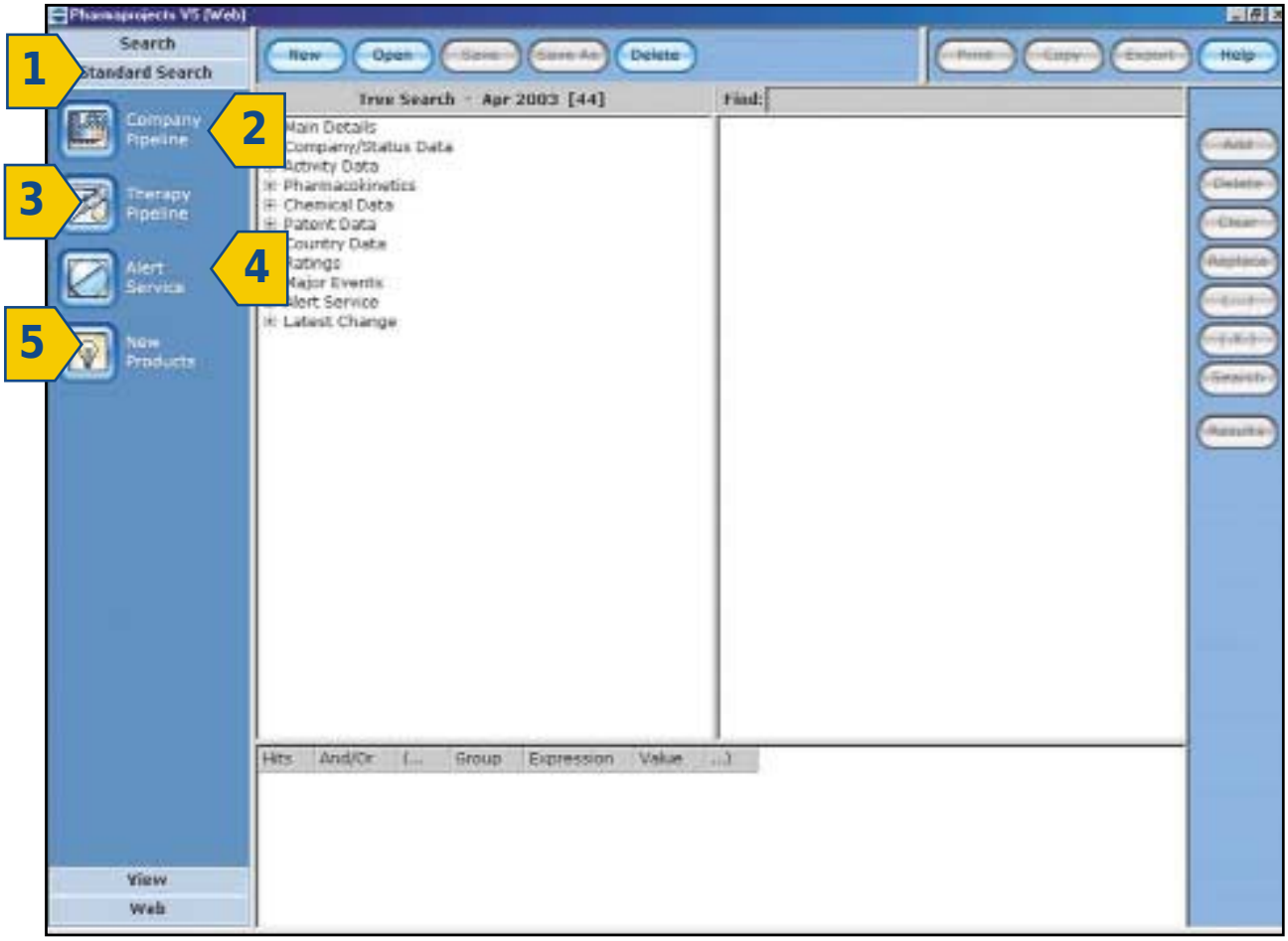
1 On the right-hand side of a customized report is a column 'Notes' where you can add your own comments.

2 To open a report format previously created and saved, click on the Open button at the top of the screen.

3 Select the report format from the list of saved Reports.

4 A report can be printed, previewed, exported, or sections copied using the buttons at the top of the screen.

Standard Search options



Four Standard Searches are supplied

1 There are four standard, pre-constructed searches to choose from. They are accessed by clicking on the icons on the Standard Search panel.

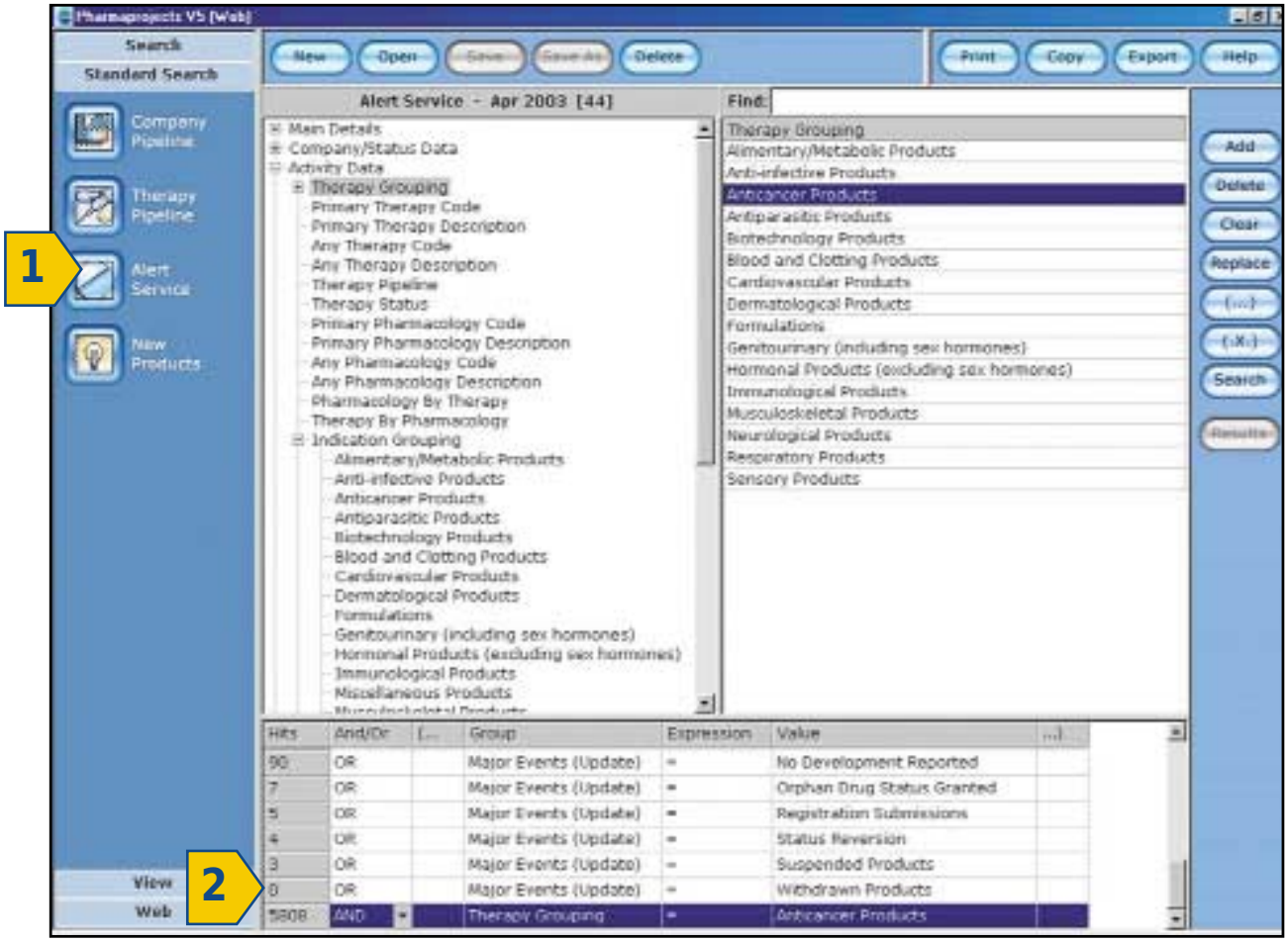
2 Company Pipeline
This search yields all drugs in active R&D by a particular company.

3 Therapy Pipeline
Use this standard search to identify all drugs in active R&D in a specified therapeutic area.

4 Alert Service (see example on page 22)
The Alert Service searches for all the major changes that have been recorded since the last Pharmaprojects update.

5 New Products
This search yields all new Drug Profiles that have been added to Pharmaprojects since the last update.

Standard Search example – Alert Service



Modifying the Alert Service search

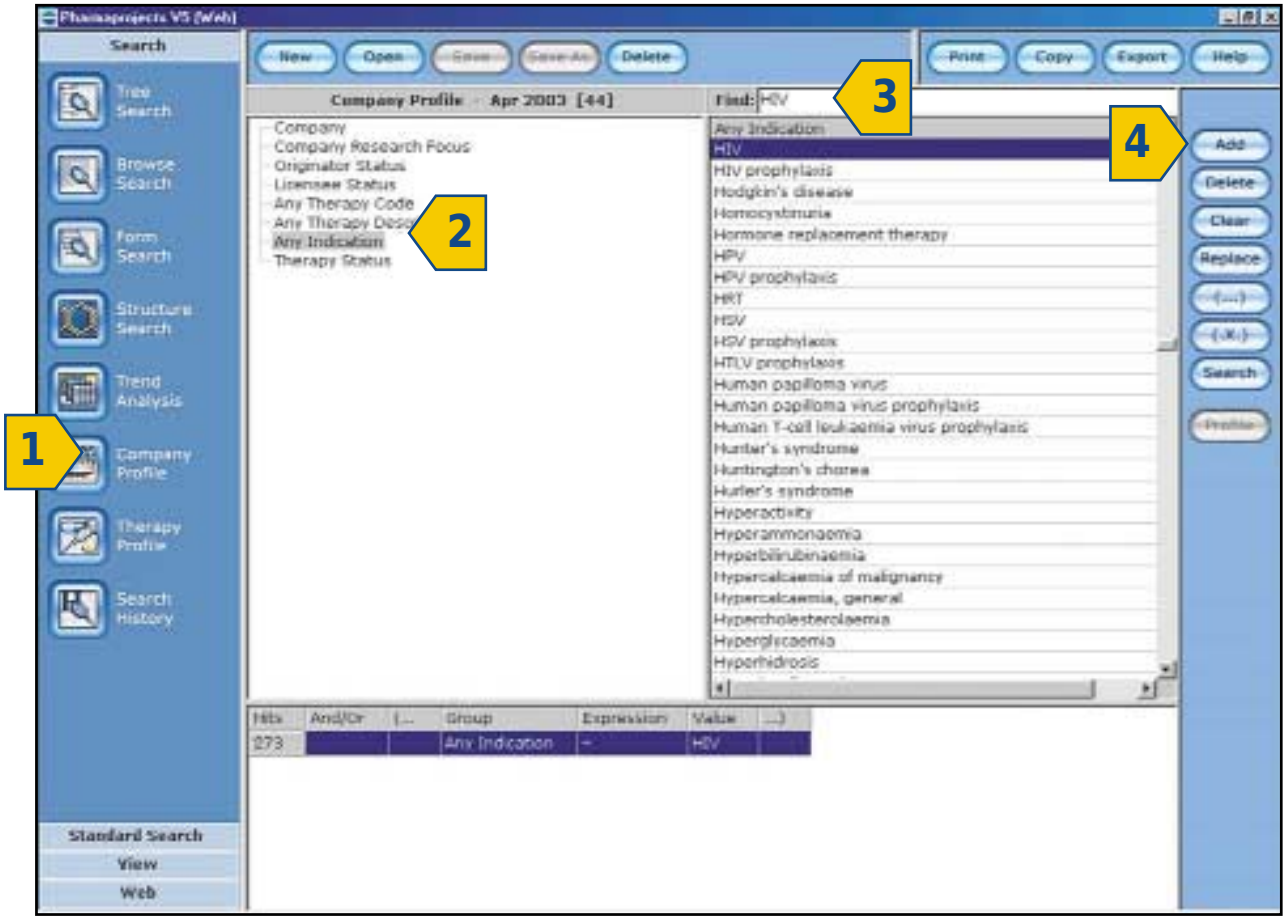
1 By selecting the Alert Service icon you automatically focus your search on those Drug Profiles that have changed significantly since the last Pharmaprojects update.

2 If, for example, you are interested in a particular therapeutic area, perform the Alert Service standard search but limit it to the therapy area of your choice.

To reproduce the search shown above, after selecting the Alert Service icon, select the Activity Data branch and then the Therapy Grouping branch. The individual therapy groups will appear in the right-hand section of the screen as a pick-list. Highlight Anticancer Products from the list and click on Add. Click Search then Results to conduct the search and view your results.

Tip: double-clicking on a term in a pick-list adds it to your search strategy eliminating the need to use the Add button.

Searching for a Company or Therapy Profile



Accessing Company and Therapy Profiles

In addition to Drug Profiles, Pharmaprojects also contains profiles of companies and therapies. There are over 1500 companies and 218 therapies profiled. In addition, Pharmaprojects provides the contact details for over 500 'inactive' companies which no longer have any relevant compounds in active development.

1 To view a Company Profile click on this icon in the Search panel. (Company Profiles can also be accessed directly from the Drug Profiles by using the hyperlinks in the Activity Data section).

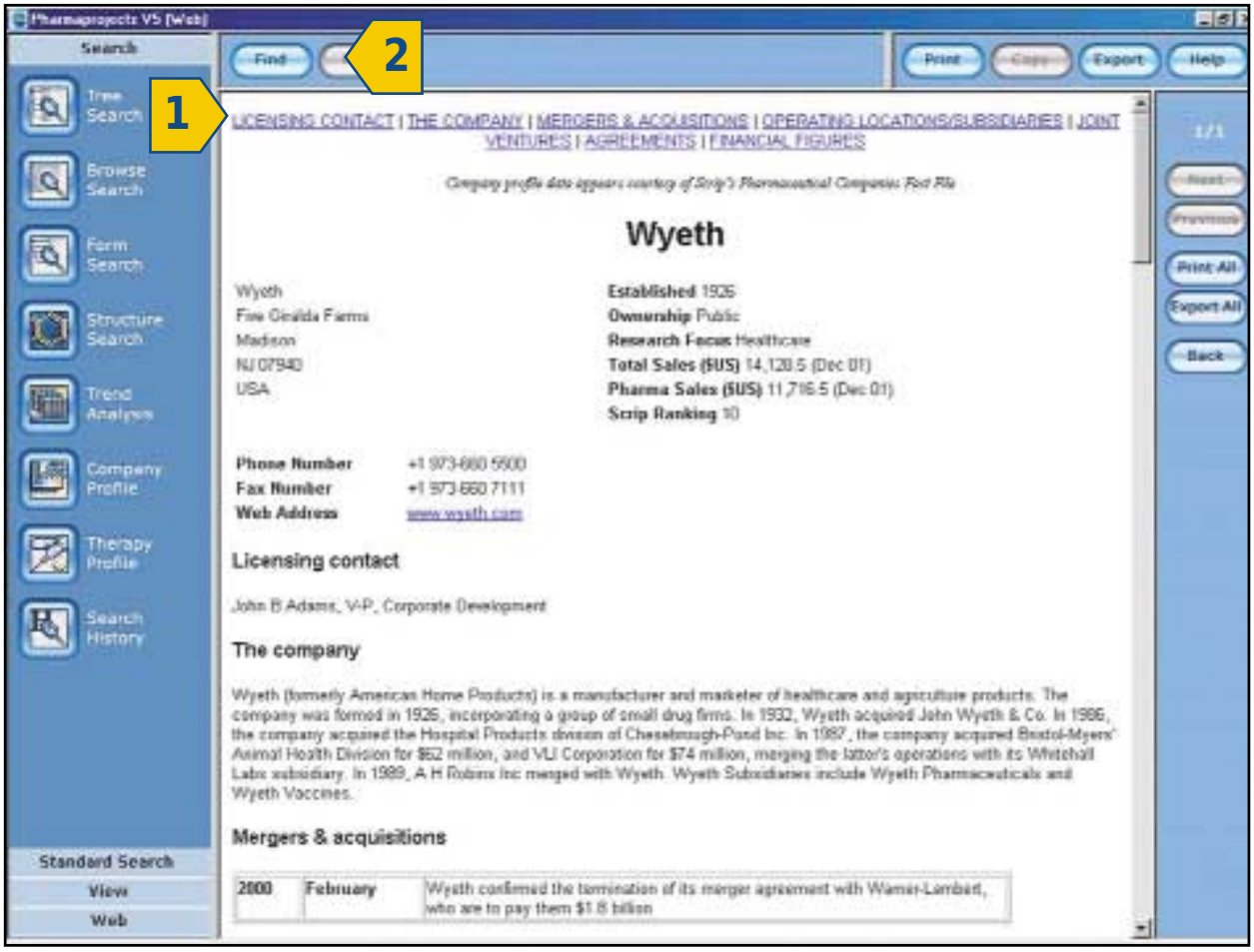
(For information on accessing Therapy Profiles see page 25)

2 Company Profiles can be searched according to a number of criteria. For example, to search for companies that are developing drugs for the treatment of HIV, select Any Indication from the available search categories.

3 Type HIV in the Find box and highlight this term in the pick-list.

4 Click Add and then Search. To view the first Company Profile in your results, click on Profile then use the Next and Previous buttons to navigate through the list.

Company Profile – example


Pharmaprojects V5 [Web]
Search
Tree Search
Browse Search
Form Search
Structure Search
Trend Analysis
Company Profile
Therapy Profile
Search History
Standard Search
View
Web
Find
Print
Copy
Export
Help
1
2
LICENSING CONTACT | THE COMPANY | MERGERS & ACQUISITIONS | OPERATING LOCATIONS/SUBSIDIARIES | JOINT VENTURES | AGREEMENTS | FINANCIAL FIGURES
Company profile data appears courtesy of Scrip's Pharmaceutical Companies Fact File
Wyeth
Wyeth
Five Giralda Farms
Madison
NJ 07940
USA
Established 1926
Ownership Public
Research Focus Healthcare
Total Sales ($US) 14,128.5 (Dec 01)
Pharma Sales ($US) 11,716.5 (Dec 01)
Scrip Ranking 10
Phone Number +1 973-660 5600
Fax Number +1 973-660 7111
Web Address www.wyeth.com
Licensing contact
John B Adams, V-P, Corporate Development
The company
Wyeth (formerly American Home Products) is a manufacturer and marketer of healthcare and agriculture products. The company was formed in 1926, incorporating a group of small drug firms. In 1932, Wyeth acquired John Wyeth & Co. In 1986, the company acquired the Hospital Products division of Cheesebrough-Pond Inc. In 1987, the company acquired Bristol-Myers' Animal Health Division for $62 million, and VLI Corporation for $74 million, merging the latter's operations with its Whitehall Labs subsidiary. In 1989, A H Robins Inc merged with Wyeth. Wyeth Subsidiaries include Wyeth Pharmaceuticals and Wyeth Vaccines.
Mergers & acquisitions
2000 February Wyeth confirmed the termination of its merger agreement with Warner-Lambert, who are to pay them $1.8 billion
1/1
Print All
Export All
Back

Each profile contains a number of hyperlinked sections

Company Profile data appears courtesy of Pharmaprojects' sister publication, the *Scrip Pharmaceutical Companies Fact File.*

1 Use the hyperlinks at the top of the profile to locate the specific information you need.

2 The Find function enables you to locate terms within one, or a number of profiles.

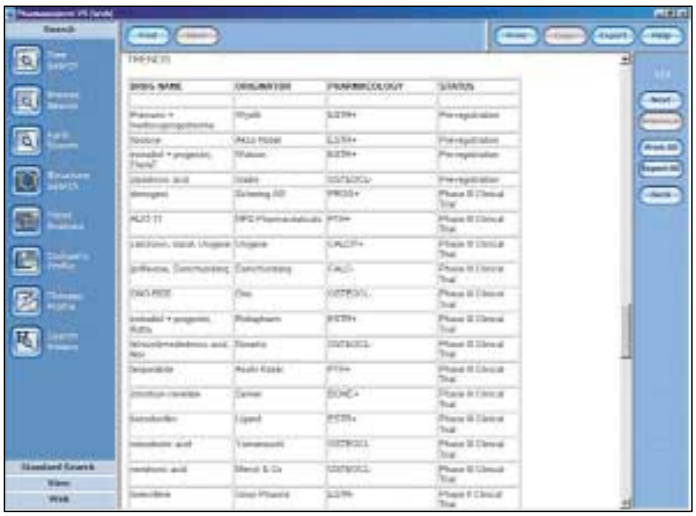
Therapy Profile – example

Search
Tree Search
Browse Search
Form Search
Structure Search
Trend Analysis
Company Profile
Therapy Profile
Search History
Standard Search
View
Web
Find
Print
Export
Help
THERAPEUTIC DEFINITIONS | INCIDENCES AND MARKET VALUES | CURRENT THERAPY | TRENDS | MARKET DEVELOPMENTS | RELATED WEB SITES
OSTEOPOROSIS TREATMENT (M5A)
see also: Nutritional supplement (A11A); Menopausal disorders (G03E); Hormone (H4D)
MARKET RATINGS: 3 (worldwide sales of US$2001-5000 million per year)
THERAPEUTIC DEFINITIONS
This category is concerned with drugs that are used for the treatment of osteoporosis, plasma hypercalcaemia, osteodystrophy and Paget's disease, amongst others.
Osteoporosis is characterized by a reduction in the quantity and quality of bone by the loss of both bone mineral and protein content, leading to fractures after minimal trauma. The condition can be classified as either primary or secondary osteoporosis.
The aetiology of primary osteoporosis is not associated with disease or drugs. It can be divided into two subgroups: type I (senile) is characterized by slow and protracted bone loss associated with old age and type II (postmenopausal) is associated with rapid bone loss occurring in women immediately after the menopause.
Secondary osteoporosis is attributed to a disease or a drug (e.g. corticosteroids) and affects adults or children, male or female.
Osteodystrophy is a combination of bone-loss disorders such as osteoporosis and osteomalacia. This condition is associated with kidney defects or disease which result in a lack of calcitriol. Without calcitriol, the body cannot absorb calcium from food and begins to resorb bone to release the calcium.
Paget's disease (also known as osteitis deformans) is a chronic disorder of the adult skeleton in which localized areas of hyperactive bone are replaced by a softened and enlarged bony (osseous) structure. The cause of Paget's disease is not known, although a 'slow virus' factor has been indicated.
Hypercalcaemia is the elevation of blood calcium to above 120mg/l and is associated with increased bone resorption and intestinal calcium uptake. The main causes are tumours, hyperparathyroidism, renal insufficiency, vitamin D poisoning and abuse of diuretics. Hypercalcaemia of malignancy can be caused by several mechanisms, including: osteoclast activation and breakdown of bone (osteolysis), when infiltrated by primary or metastatic tumour cells; the production of humoral
Print All
Export All
Back
1
2
3

1 There are 218 Therapy Profiles which are accessed via the icon in the Search panel. (Therapy Profiles can also be accessed directly from the Drug Profiles by using the hyperlinks in the Activity Data section).

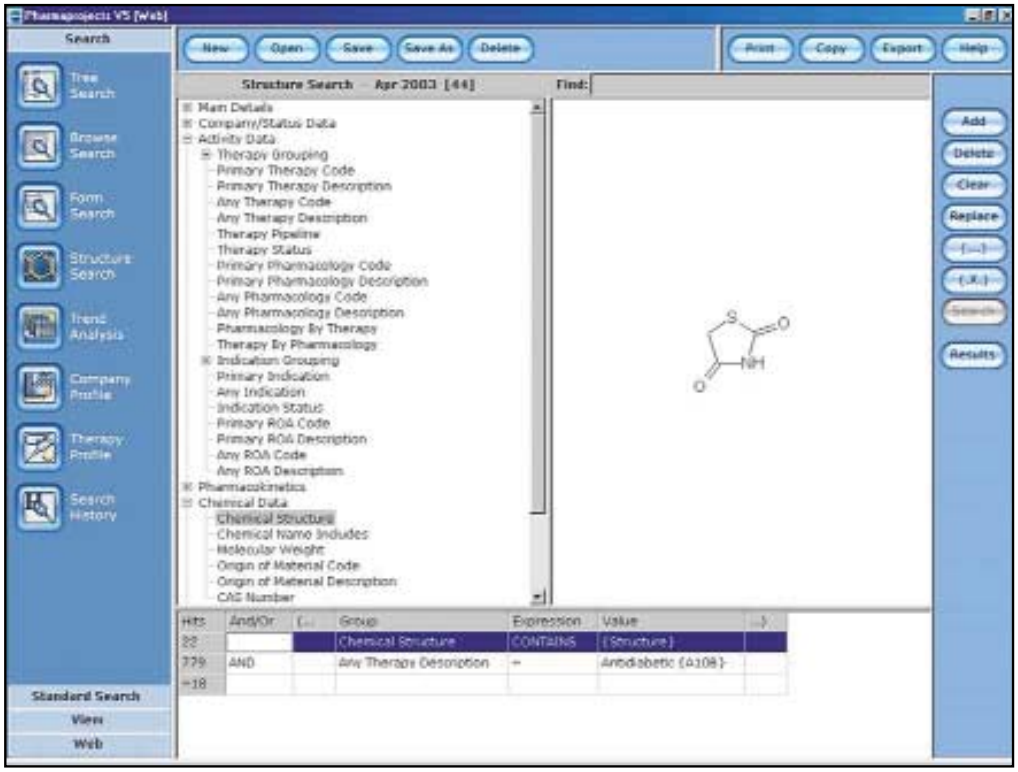
2 Each profile contains a number of sections that can be accessed using the hyperlinks at the top of the page. Alternatively use the scroll bar to the right of the profile.

Much of the data is tabulated in a clear and concise format.

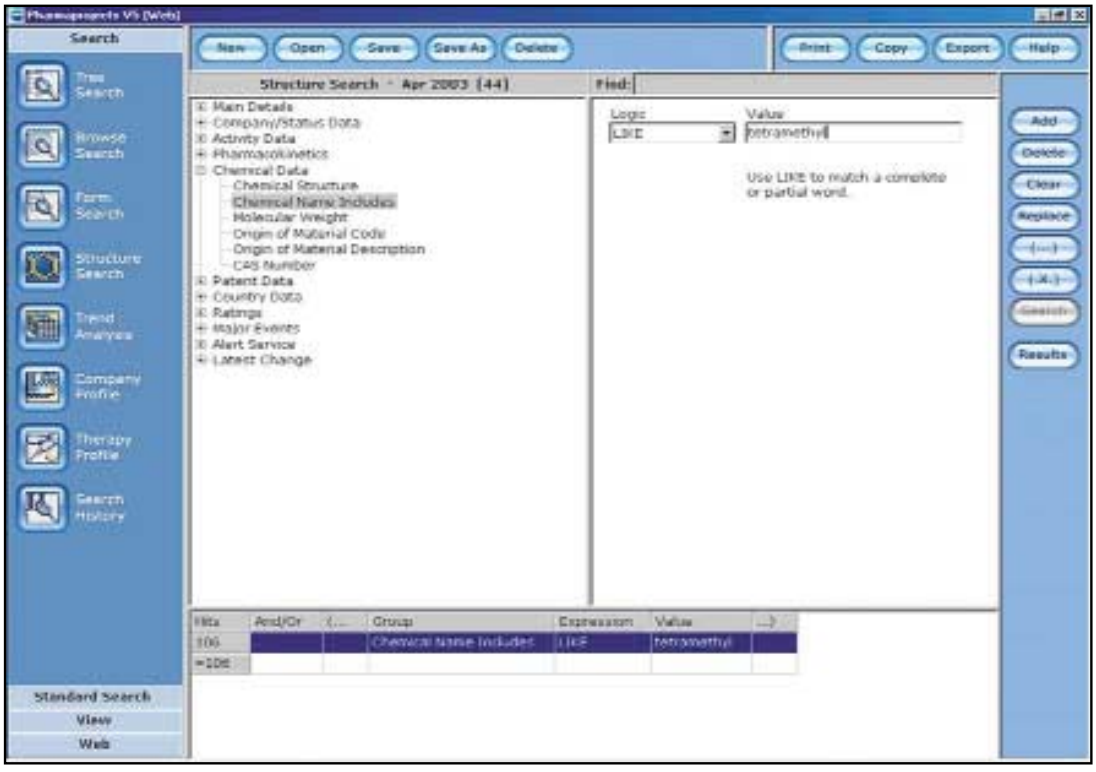


3 If your search has yielded a number of profiles, navigate between them Using Next and Previous.

Useful searches – Substructure/ Chemical Name Includes

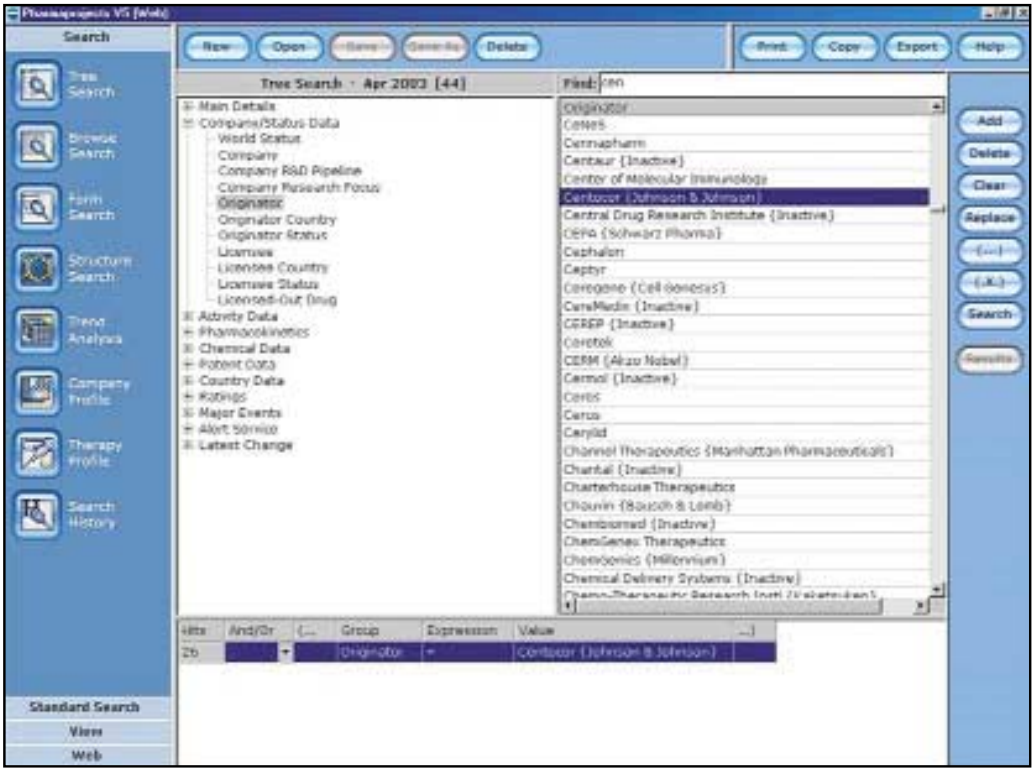


Search for a chemical substructure within a therapy, pharmacology or indication.

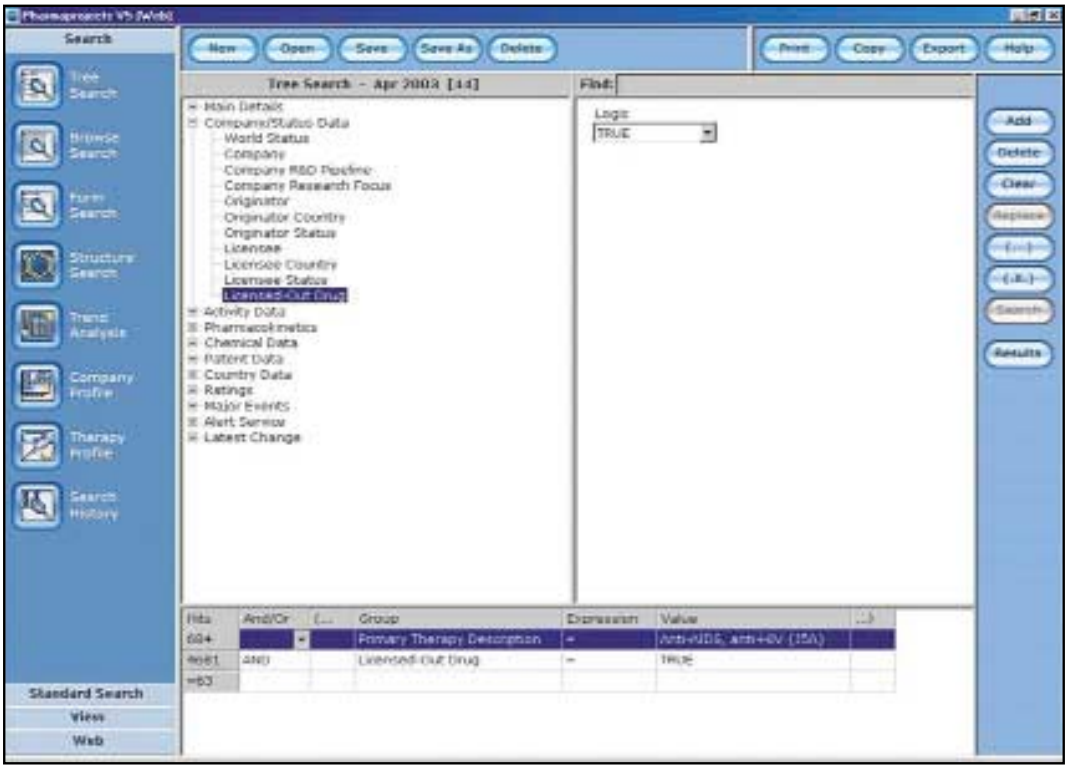


Search for a part of, or complete chemical name.

Useful searches – Subsidiaries/ Licensed-Out Drugs

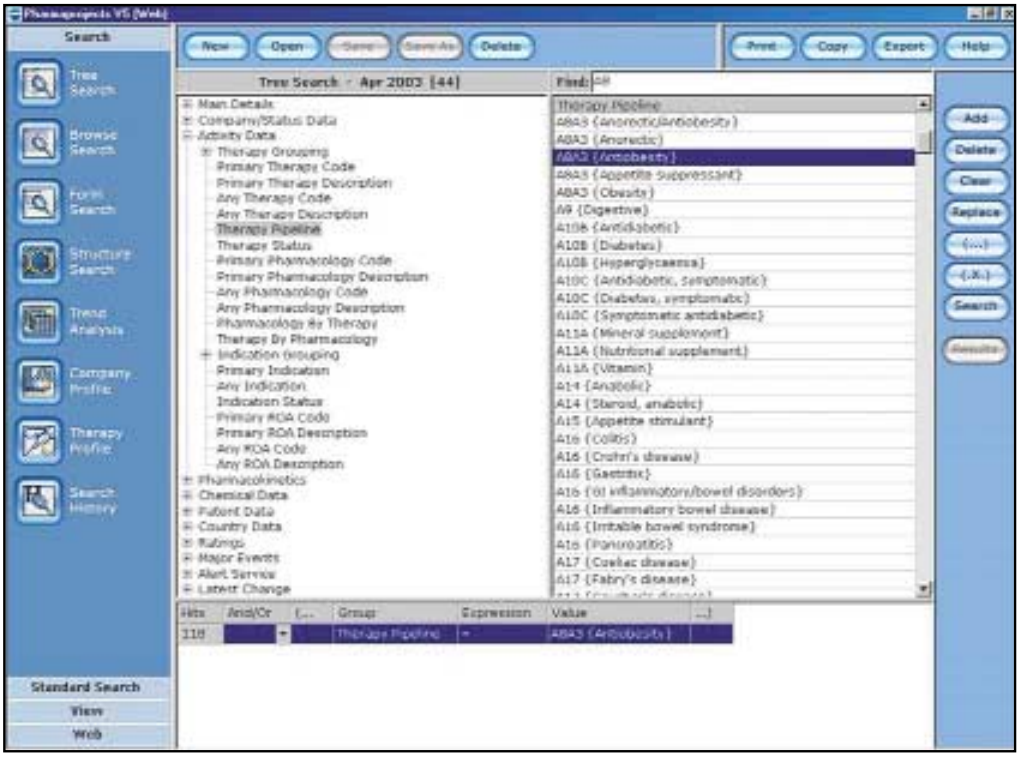


For subsidiaries, the parent companies are shown in brackets.

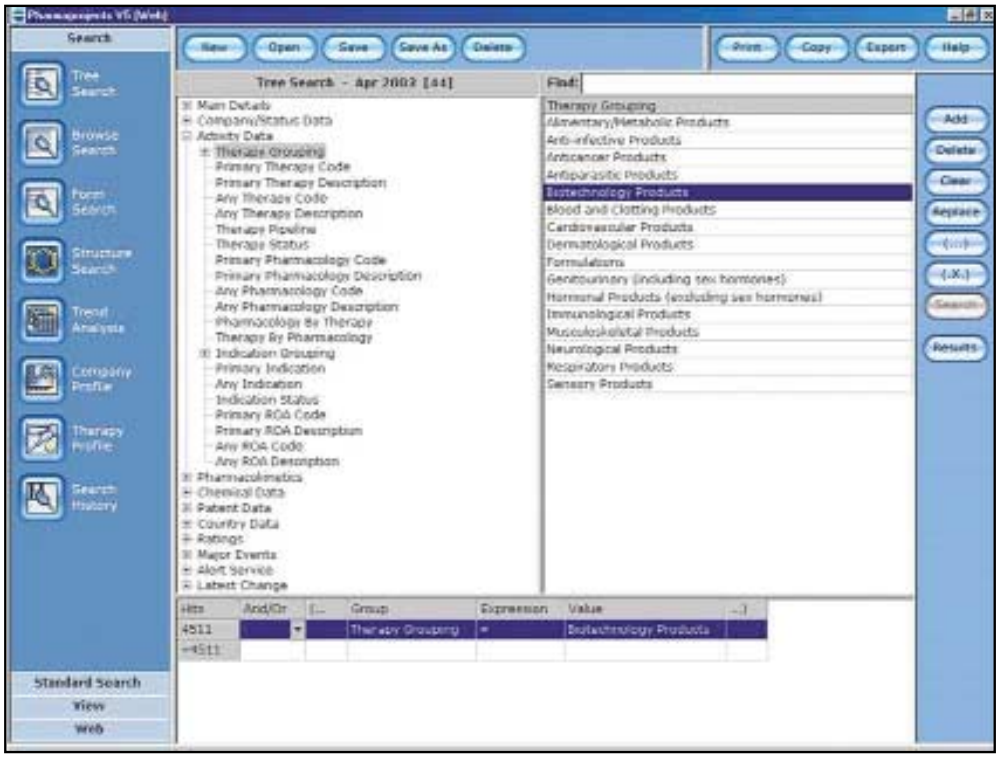


You can easily identify all drugs that have been licensed-out in a specific market.

Useful searches – Therapy Pipeline/ grouping facility

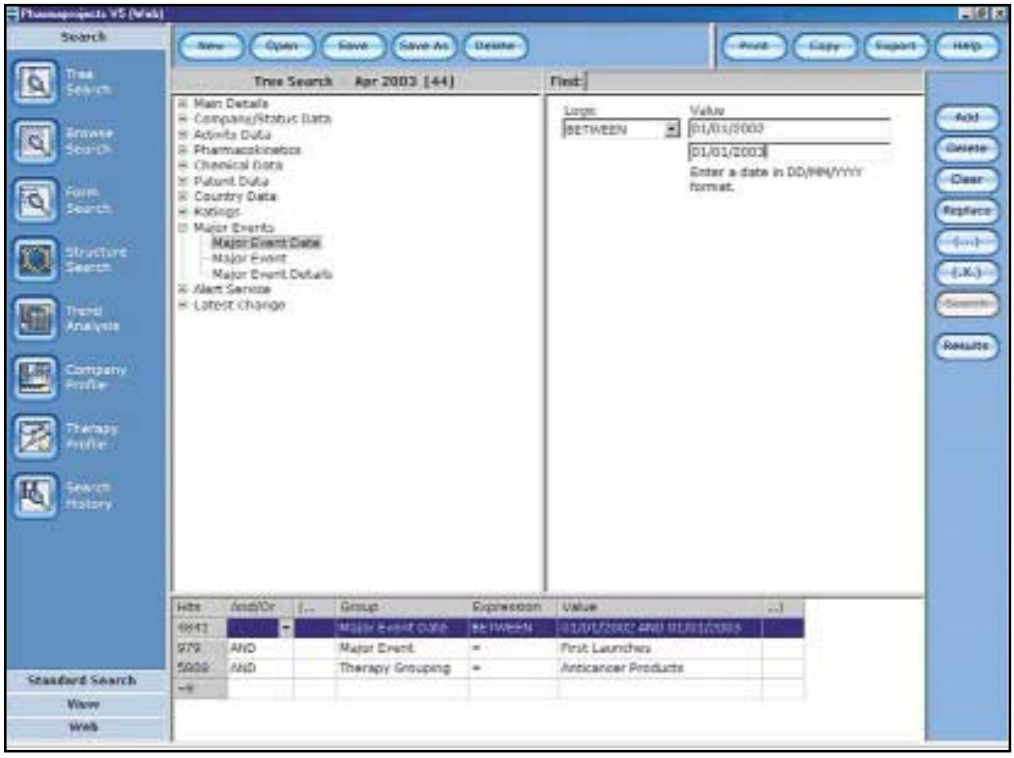


Searching for a Therapy Pipeline selects only those drugs in active development.

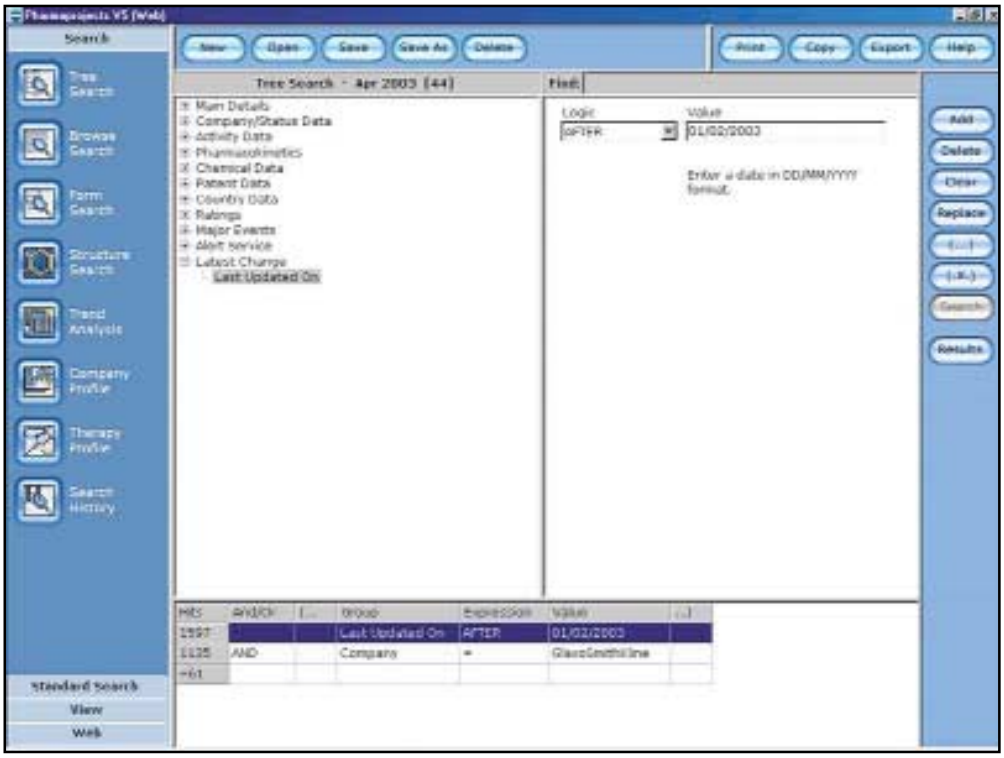


Broad searches can be performed using the grouping facility. The groups available are country, indication and therapy.

Useful searches – Major Events/ Latest Change

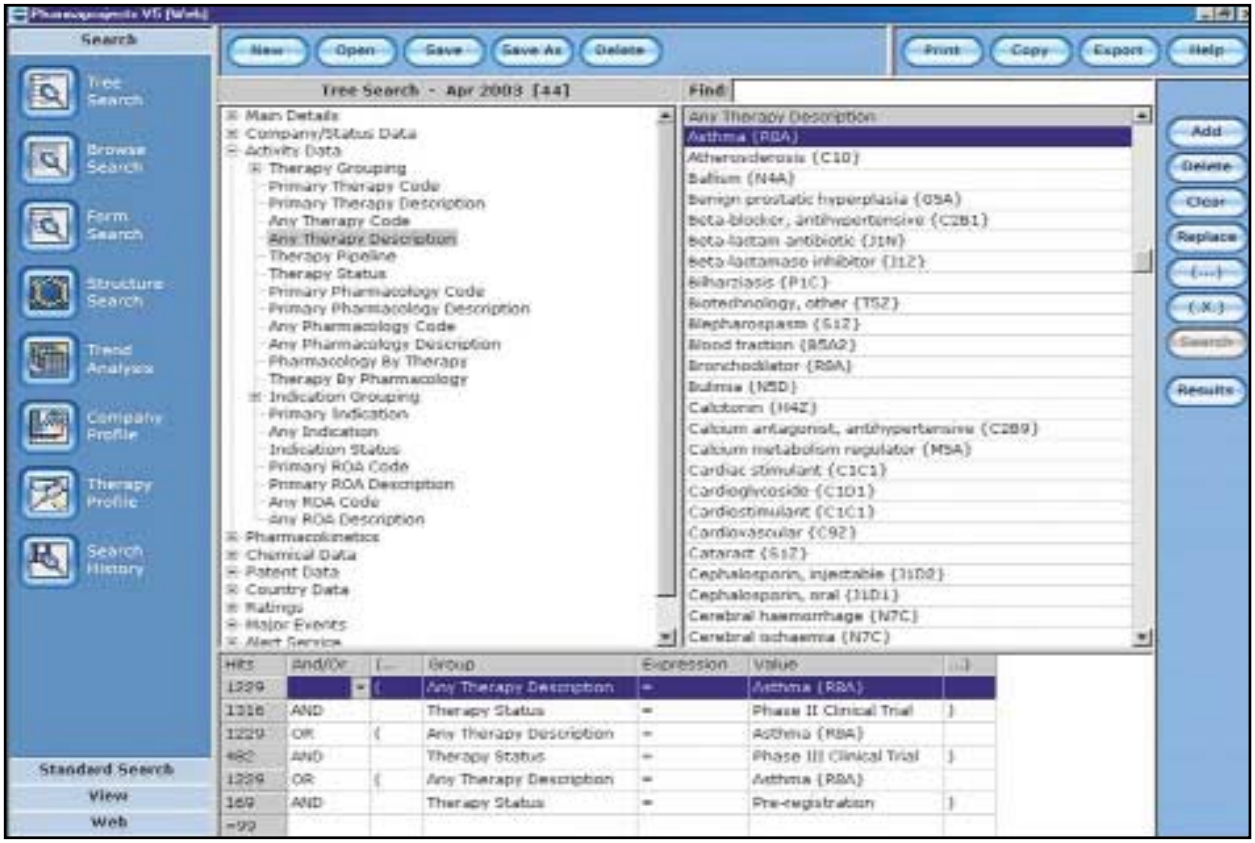


You can search for Major Events that have occurred over a specific time period. For example, you could search for all ‘First Launches’ of anticancer products in the past year.



Searching the Latest Change field enables you to quickly identify the most recent information added to a Drug Profile. In the example above, the search yields all GlaxoSmithKline drugs that have been updated since February 2003. Each of the Drug Profiles in your results will contain a summary of the information added.

Advanced Searching – conducting linked searches

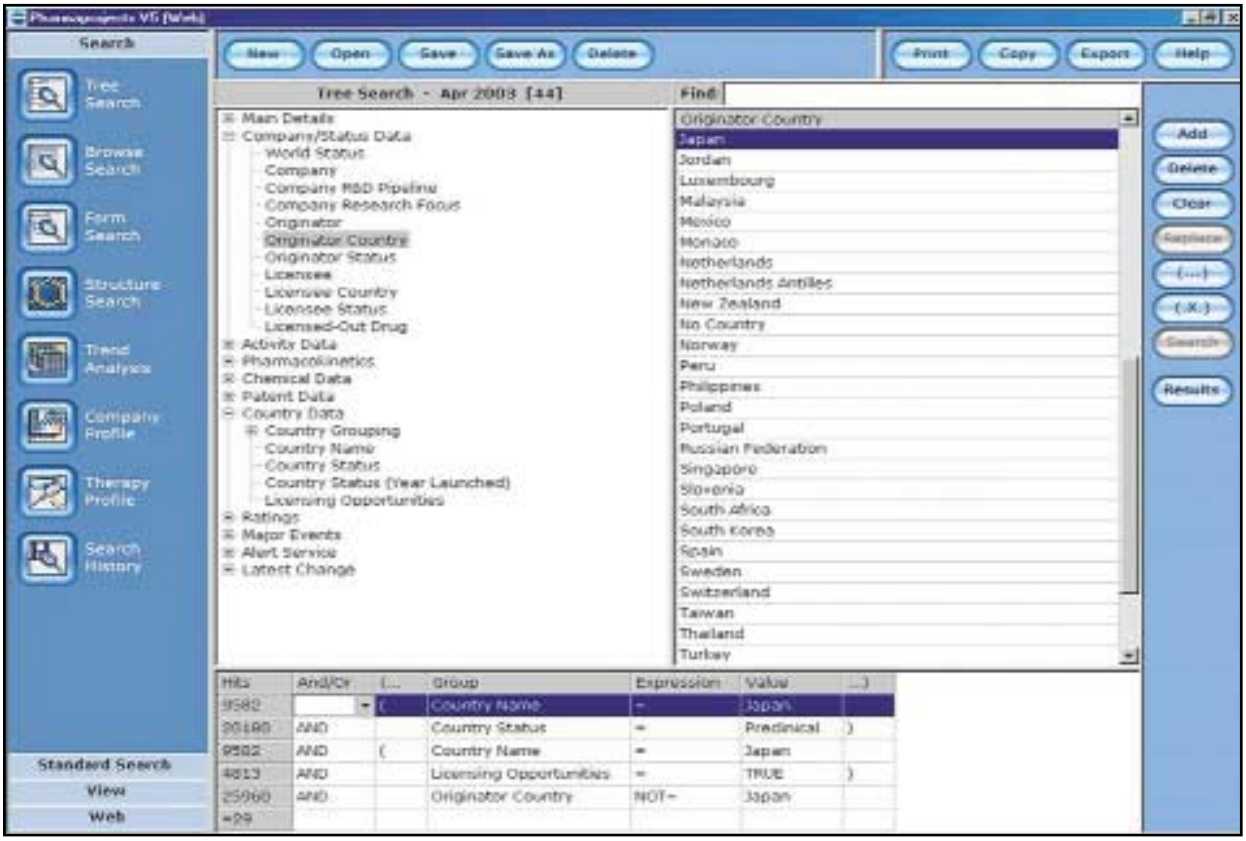


There are a number of 'linked' fields in Pharmaprojects, which allow you to perform searches that are very specific. For example, you may want to find all asthma treatments that are in Phase II or III clinical trials or awaiting registration. This is a more complex request than it seems as a drug may be in development or launched for a number of different therapeutic areas. You need to specify compounds that are in clinical trials for asthma, independent of whether they are launched or registered for another therapy:

In the Tree Search select the Activity Data branch
Click on Any Therapy Description, choose Asthma then Add
Click on Therapy Status, choose Phase II Clinical Trial then Add
Click on Any Therapy Description, choose Asthma then Add
Click on Therapy Status, choose Phase III Clinical Trial then Add
Click on Any Therapy Description, choose Asthma then Add
Click on Therapy Status, choose Pre-registration then Add
Change the 2nd and 4th AND to OR (click over the AND and choose OR from the picklist) and add brackets as shown (to add brackets: highlight search terms in the Hits window by clicking and dragging over the Hits number, then click on (...))
Click on Search then Results to view a table of your results

Other 'linked' fields:
Originator-Originator Status-Originator Country (also equivalent Licensee fields)
Any Therapy-Any Pharmacology-Therapy Status
Country Name-Country Status-Licensing Opportunity
Event Date-Major Events-Major Event Details
Indication-Indication Status

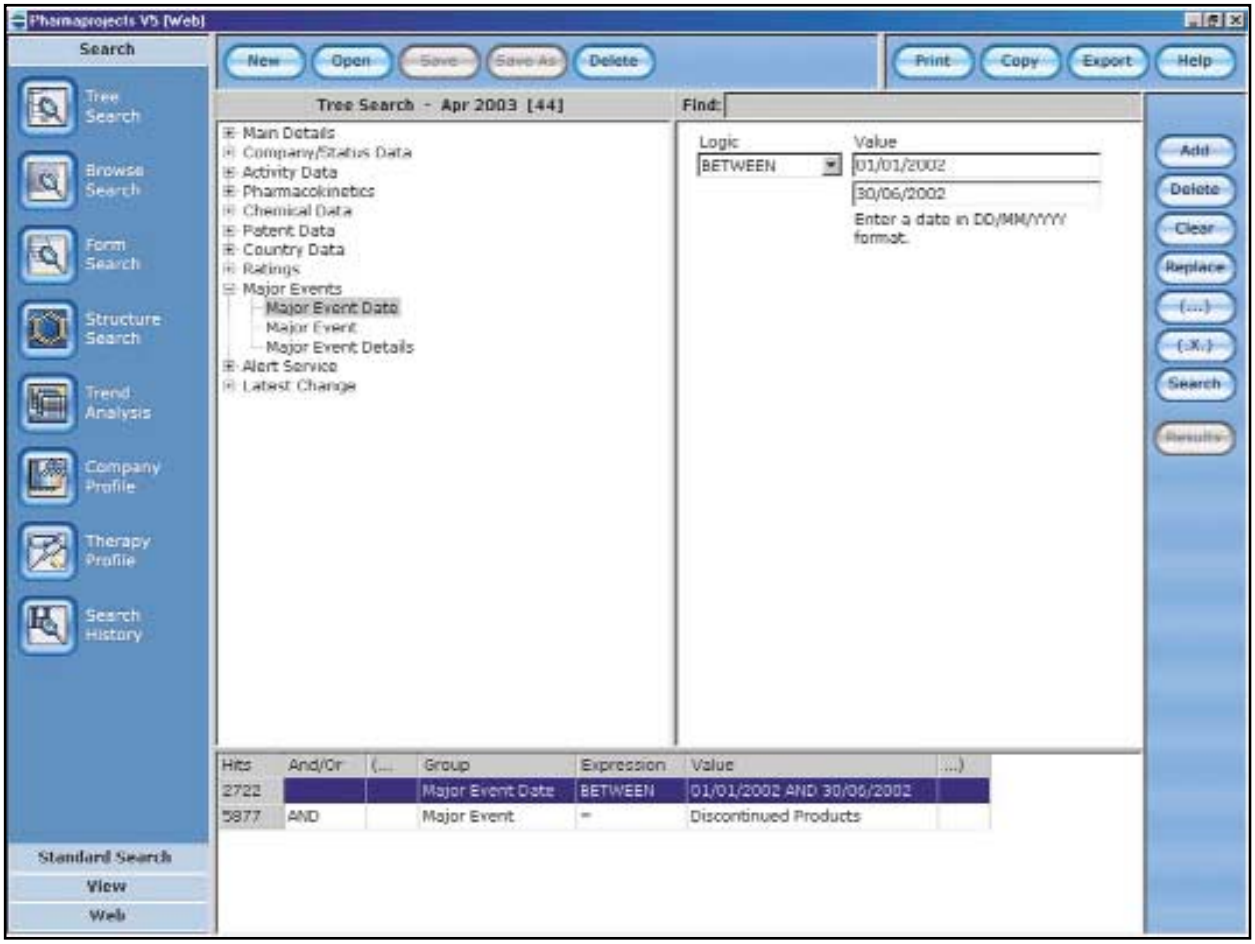
Advanced Searching – complex Licensing Opportunity search



This is an example of an enquiry from a new subscriber who needed to find products that were in clinical development in Japan by a non-Japanese company, and that were available for licensing in Japan.

In Tree Search select the Country Data branch
Click on Country Name, choose Japan then Add
Click on Country Status, choose Preclinical then Add
Click on Country Name, choose Japan then Add
Click on Licensing Opportunities, choose True then Add
Select the Company/ Status Data branch
Click on Originator Country, choose Japan then Add and change Expr. to NOT=
Add brackets as shown (to add brackets: highlight search terms in the Hits window by clicking and dragging over the Hits number, then click on (…))
Click on Search then Results to view a table of your results

Advanced Searching – Major Events/ Replace Function



This search is useful if you want to find out about certain Major Events that have occurred during a specific time period. For example, you may want to find all products discontinued during the first half of 2002.

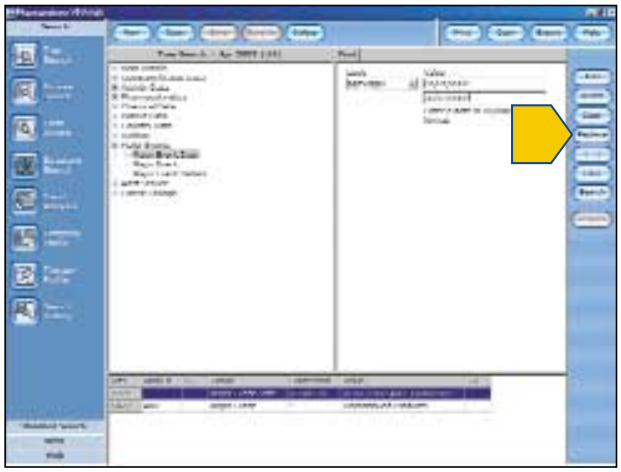
In Tree Search select the Major Events branch

Click on Major Event Date, choose BETWEEN 01/ 01/ 02 AND 30/ 06/ 02 then Add
Click on Major Event, choose Discontinued Products then Add

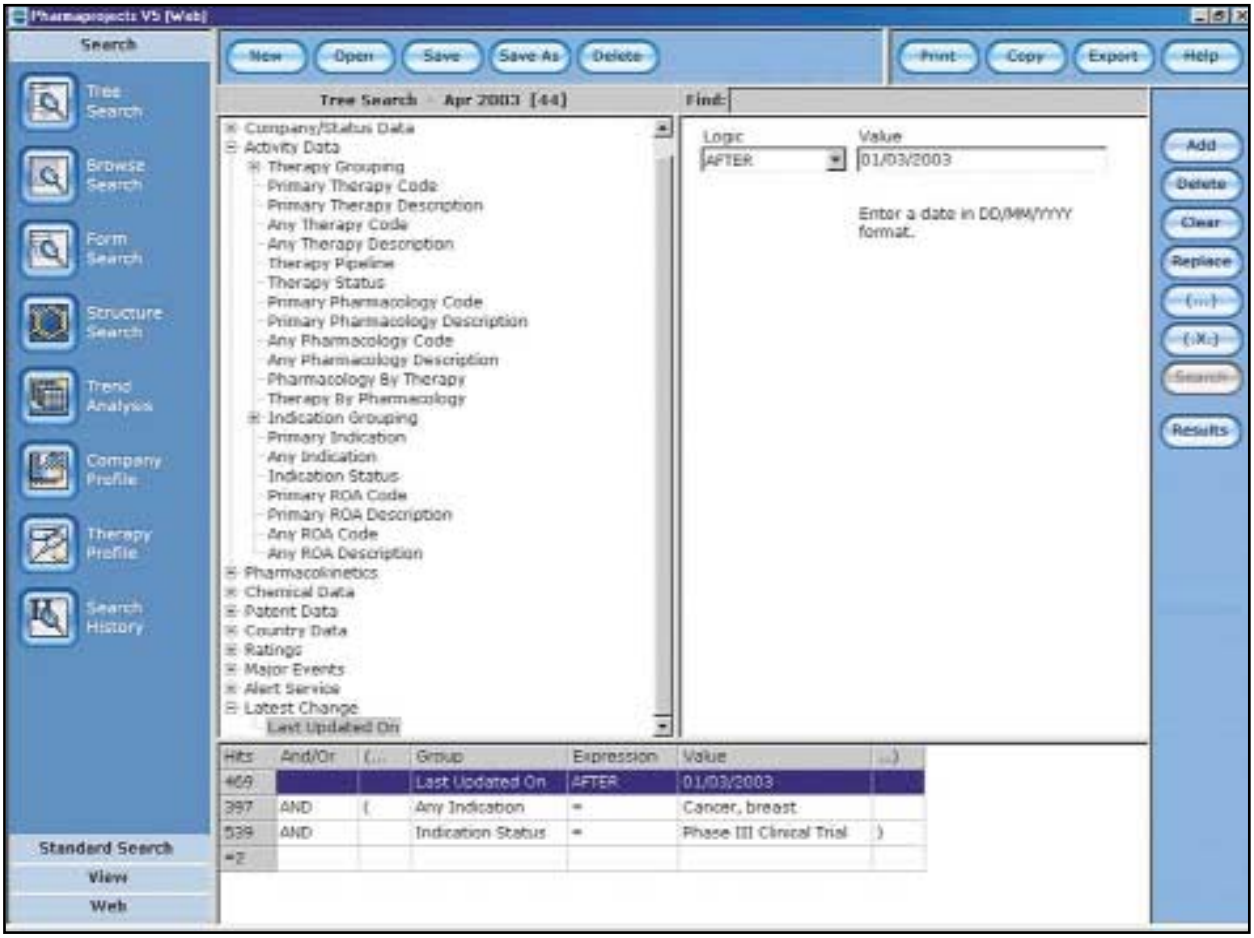
Click on Search then Results to view a table of your results

In Tree Search: if you are conducting a number of complex searches using the same search strategy but are only changing one value each time: use the Replace function.

For example, if you were to repeat the search in the example above, but want to use a different date range, highlight the dates, enter the new dates and click on the Replace button.



Advanced Searching – identifying Latest Changes



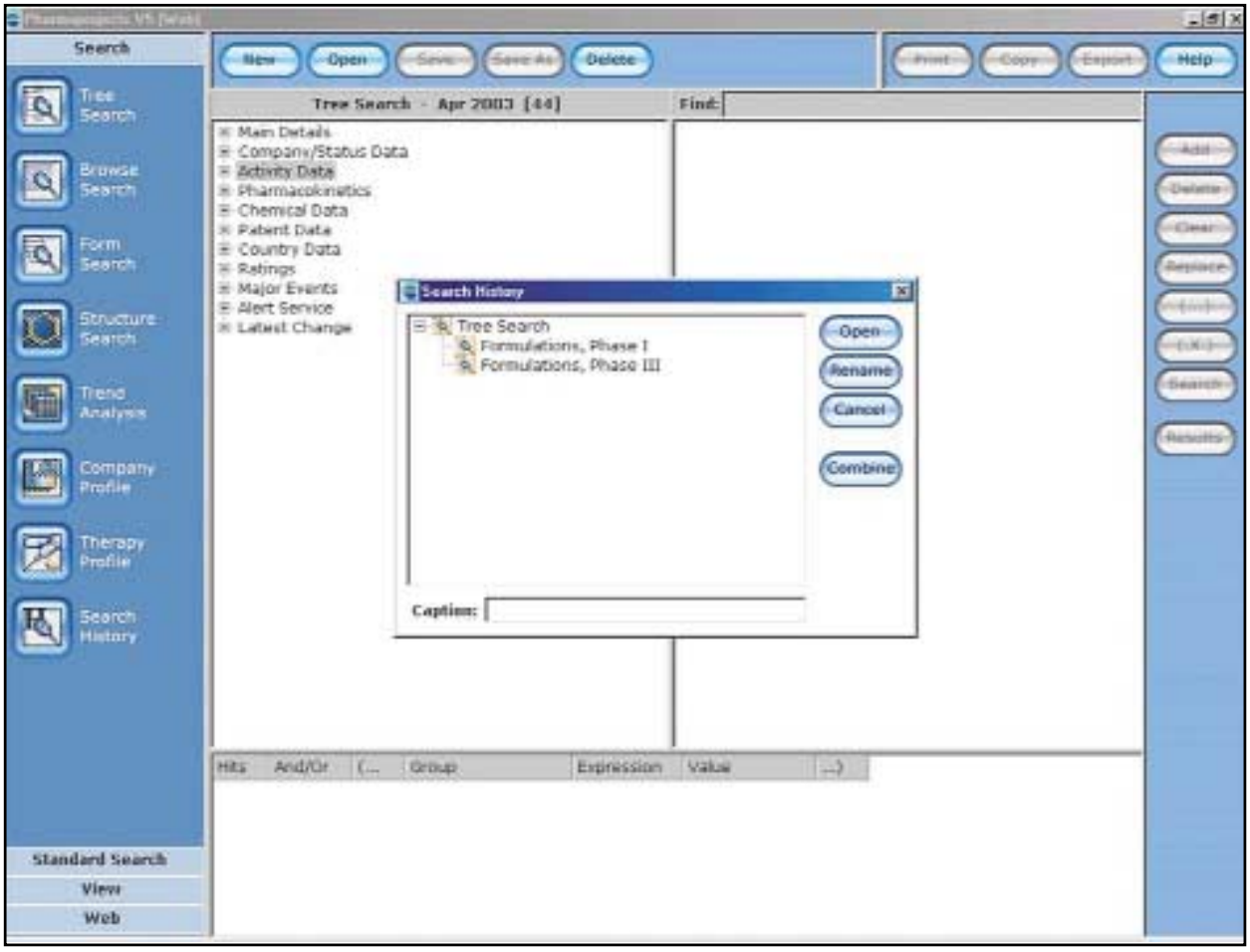
If you regularly look at products that are at a certain stage of development for a particular indication, but only want to look at those Drug Profiles that have changed within a specified time period, you can use the Latest Change field. For example, you may be interested in breast cancer products that are in Phase III clinical trials; however, you checked Pharmaprojects last month and you only want to view those Drug Profiles that have been updated since, no matter how minor the change.

In Tree Search select Last Updated on from the Latest Change option
Click on After and enter 01/03/03 into the value box, then Add
Click on Any indication = Cancer, breast, then Add
Click on Indication Status = Phase III Clinical Trial, then Add
Add brackets by highlighting the last two rows of the grid and clicking on (…)
Click on Search then Results to view a table of your results

Note: The Latest Change field, like the Major Events field, records the events in a drug's lifecycle. However, they differ in two major ways:

- The Latest Change field records EVERY change that is made to a Drug Profile. In contrast, there are 25 Major Event categories and this field is only updated when one of these events takes place.
- The information in the Latest Change field is overwritten each time a Drug Profile is updated, whereas the Major Events section is a permanent record.

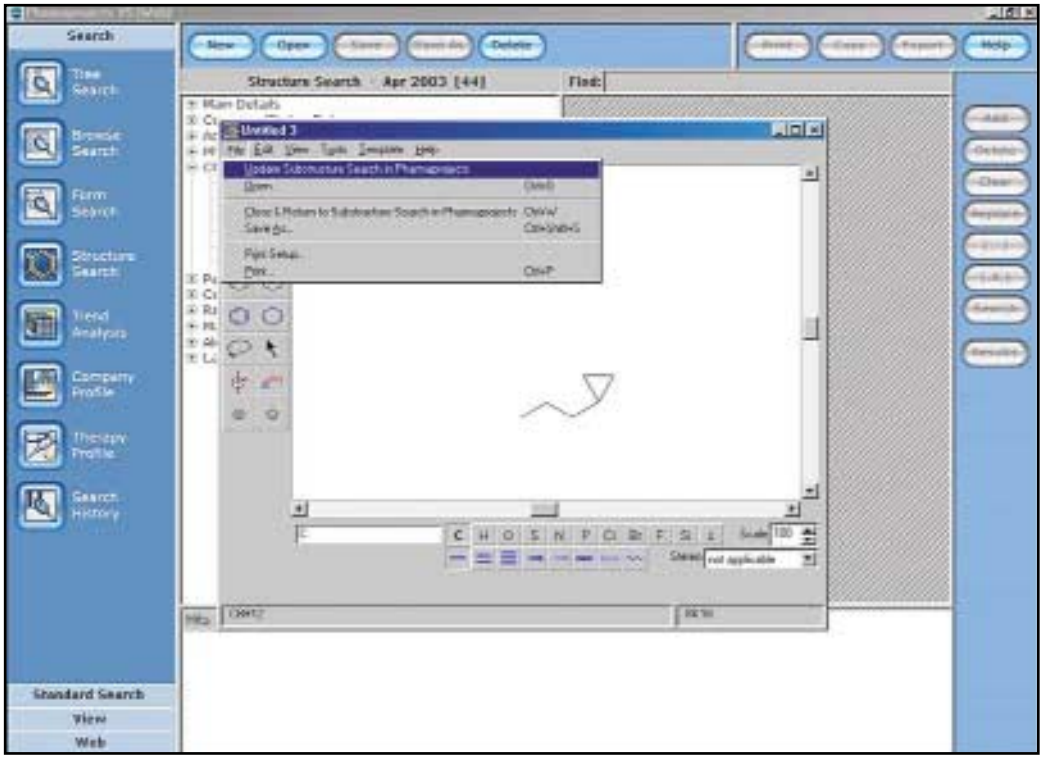
Advanced Searching – Search History/ Saving Searches



The Search History (located in the Search panel on the left-hand side of the screen) allows you to access previous searches conducted during a single Pharmaprojects session. You must choose the New option (or save a search) between searches for the previous search to be logged in the Search History (this distinguishes between searches and prevents over-writing your previous search). Search History also allows you to move directly to a recent search strategy from any other screen without having to use the Back button. Whilst in the Search History field, searches can be renamed or combined with your current search.

Note: the Search History is deleted at the end of each session. To save a search for future sessions, use the Save and Save As buttons at the top of the screen.

Advanced Searching – Structure Search



Click on Structure Search in the Search options on the left-hand side of the screen – CAS® Draw* opens automatically (if not, you will need to install it – CAS® Draw 2000 can be installed from any Pharmaprojects v5 CD-ROM or from the Pharmaprojects website directly).

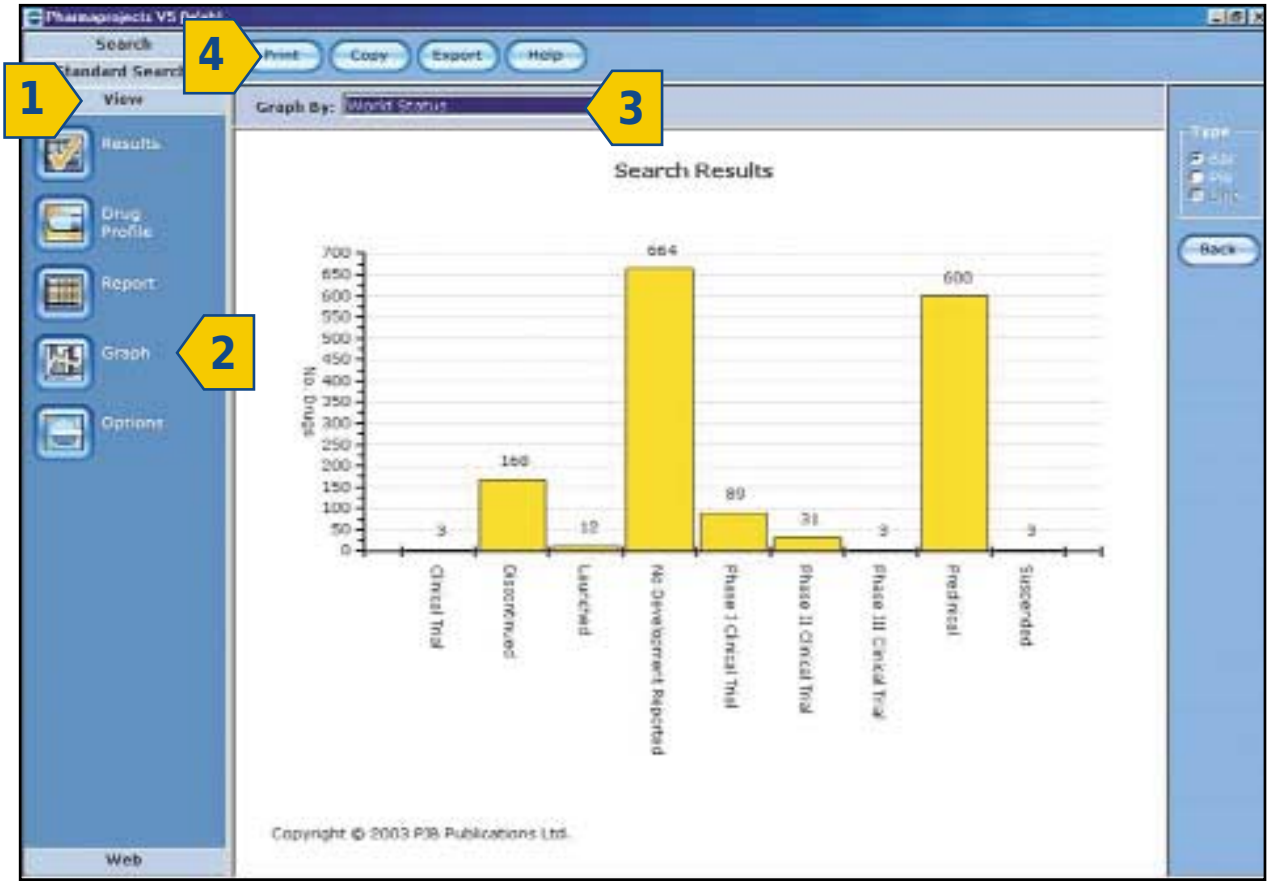
Draw the structure (in this case a cyclopropylpropyl):
Click on Template then Monocarbocyclic, choose the 3-membered ring and click over the drawing area to deposit the ring. Use the drawing tools on the left to draw the propyl chain and attach to the cyclopropyl.
To add the structure to the search strategy: click on File and choose Update Substructure Search on Pharmaprojects, minimize the CAS® Draw window and click on Add.

To search for *active neurological* products containing this structure:

Under the Activity Data branch:
Click on Therapy Grouping, choose Neurological Products then Add.
Select the Main Details branch:
Click on Active, Ceased, Fully Launched, choose Active then Add.
Click on Search then Results to view a table of your results. To see the Drug Profiles click on Profile whilst in the Results screen (or click on the View tab on the left hand side and choose Drug Profile).

*Other drawing packages may be used for importing structures.

Graphing Options

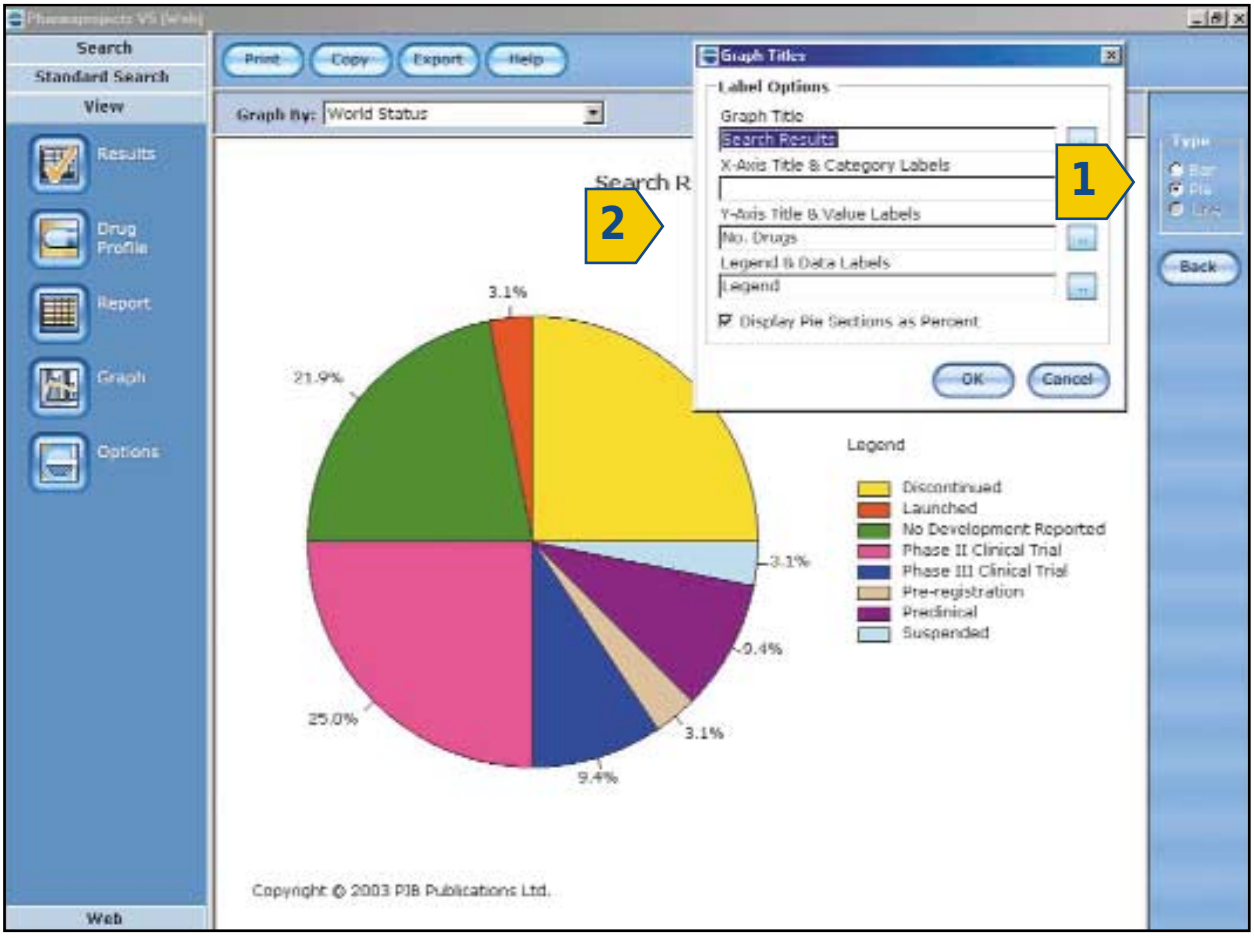


Creating a graph

You can view the results of your search as a graph :

1. Perform your search and then click on the View tab.
2. Click on the graph icon to view the results as a graph.
3. To graph the results according to different criteria, select from the 'Graph By' drop-down menu.
4. Graphs can be printed, copied or exported into a report or slide presentation.

Graphing Options – formatting

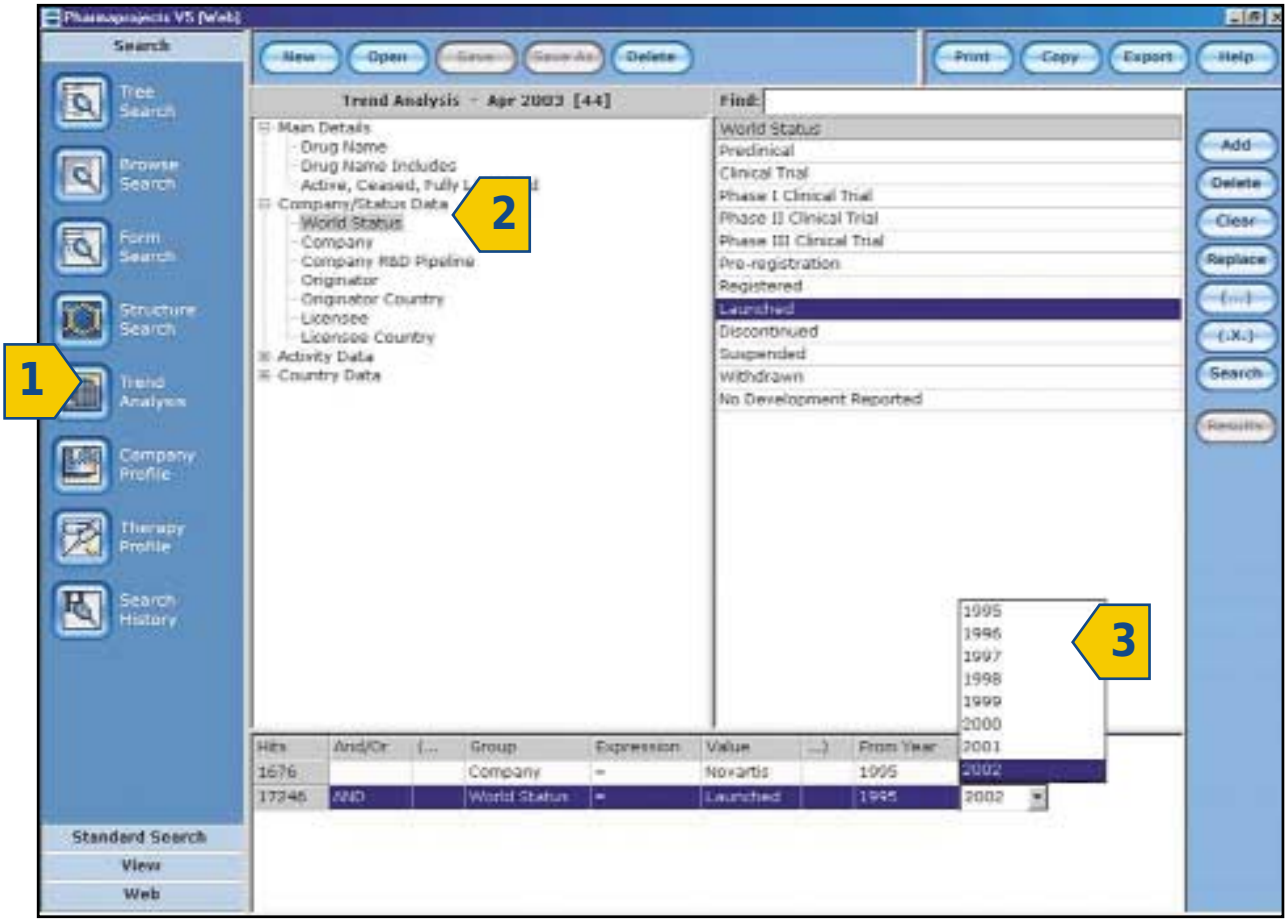


Formatting your graph

1 Several graph formats are available.

2 To format the graph and titles, right click anywhere on the graph and a dialogue box will appear.

Trend Analysis – searching



Performing a Trend Analysis search

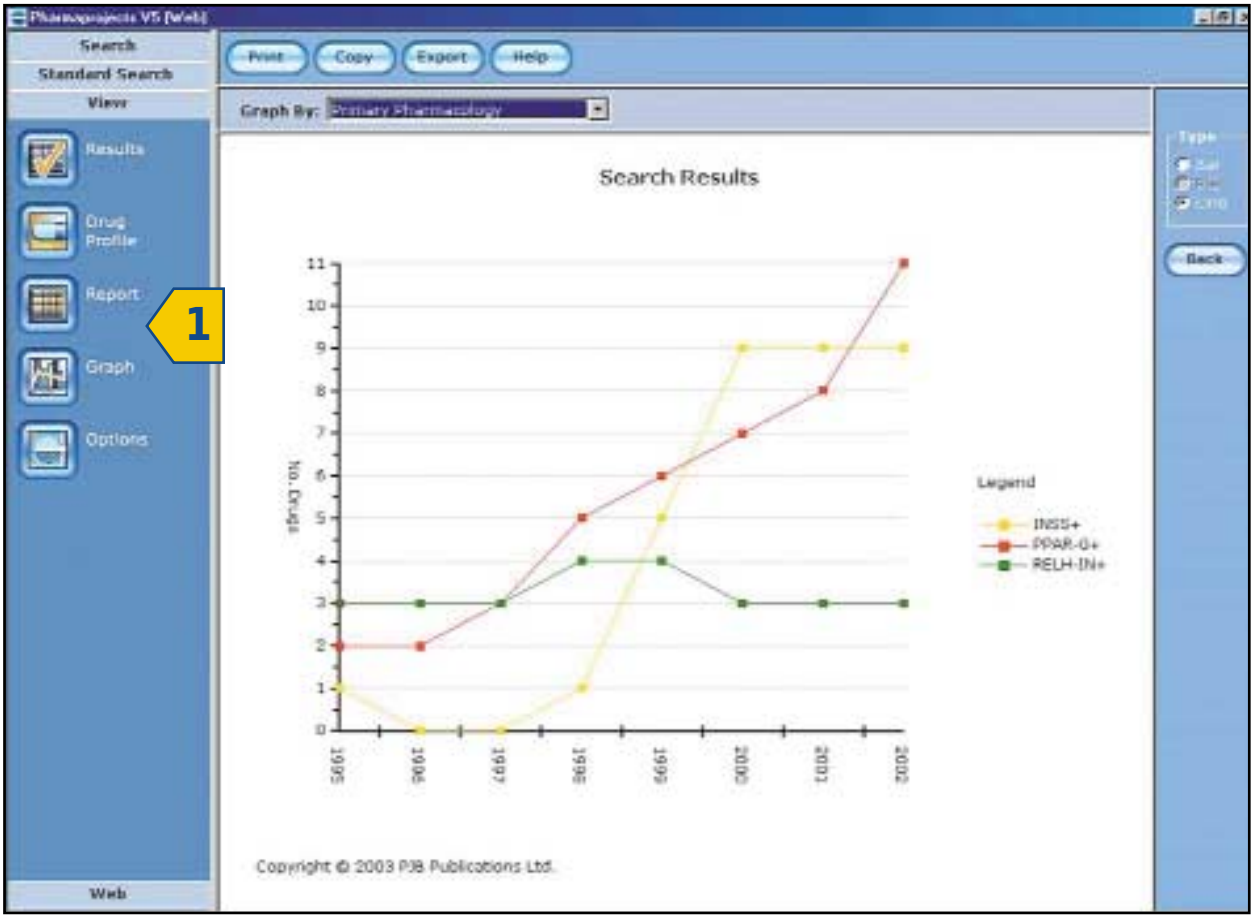
Pharmaprojects also holds historical drug data going back to 1995, allowing users to view changing trends in drug development.

1. Select Trend Analysis from the Search panel.

2. As for Tree Search, the searchable fields are organized into categories and the options within each field appear as a pick-list on the right-hand side of the screen.

3. A Trend Analysis search will automatically search all available years; 1995 onwards. To change this default select from the drop-down menu.

Trend Analysis – viewing your results



Viewing your results as a graph or report

1 The results of a Trend Analysis search can be viewed as a graph or report.

Contact Details – Pharmaprojects UK/ Worldwide

Helpdesk:	+44 (0)20 8332 8848	or	pharmaprojects.help@pjbpubs.com
Product Sales:	+44 (0)20 8410 2827	or	pharmaprojects.enquiry@pjbpubs.com
Marketing:	+44 (0)20 8332 8820	or	pharmaprojects.enquiry@pjbpubs.com
Editorial:	+44 (0)20 8332 8877	or	pharmaprojects@pjbpubs.com
Fax number:	+44 (0)20 8332 8994	**Web:**	www.pharmaprojects.com

Europe & Rest of World

Pharmaprojects, 18/ 20 Hill Rise, Richmond, Surrey, TW10 6UA, UK.

Afia Akram
European Account Manager
Southern Europe, Belgium, Israel, Turkey & Middle East
Tel: +44 (0)20 8332 8982
Fax: +44 (0)20 8332 8994
E-mail: afia.akram@pjbpubs.com

John Muir
European Account Manager
UK & Ireland
Tel: +44 (0)20 8410 2871
Fax: +44 (0)20 8332 8994
E-mail: john.muir@pjbpubs.com

Richard Collins
European Account Manager
Germany, Switzerland, Austria, Australia, New Zealand & South Africa
Tel: +44 (0)20 8410 2840
Fax: +44 (0)20 8332 8994
E-mail: richard.collins@pjbpubs.com

Richard Smith
European Account Manager
Scandinavia, France, Netherlands & Eastern Europe
Tel: +44 (0)20 8410 2862
Fax: +44 (0)20 8332 8994
E-Mail: richard.smith@pjbpubs.com

The Americas

PharmaBooks, 1775 Broadway, Suite 511, New York, NY 10019, USA.

Jeffrey Goodale
Account Manager
Tel: +1 212 262 8230 ext 120
Fax: +1 212 262 8234
Email: jeffreyg@pharmabooks.com

Adam Schaeffer
Account Manager
Tel: +1 212 262 8230 ext 119
Fax: +1 212 262 8234
Email: aschaeffer@pharmabooks.com

James Parisi
Account Manager
Tel: +1 212 262 8230 ext 123
Fax: +1 212 262 8234
Email: james.parisi@pharmabooks.com

India

Informa India
Mahalaxmi Chambers, 6th Floor
22 Bhulabhai Desai Road
Mumbai 400 026
India

Mr A. Nair
Tel: +91 22 636 3058
Fax: +91 22 636 2905
E-mail: informa@vsnl.com

Korea

Pharma Koreana Co. Ltd
16th Floor
Woori Investment Bank Building
826-20 Yeoksam-dong, Kangnam-gu
Seoul 135-080
South Korea

Mr Sang-Hoon Huh
Tel: +82 2 554 9591
Fax: +82 2 563 8289
E-mail: pkinfo@kornet.com

Japan

Shiryo Kenkyujo
3-5-20-405 Sotokanda
Chiyoda-ku
Tokyo 101-0021
Japan

Mr T Hirata
Tel: +81 (0)3 3258 9207
Fax: +81 (0)3 3258 9209
E-mail: info@shiryoken.co.jp

Taiwan

Taiwan Medi-Pharm Consulting Co. Ltd
Fl. 7-5, No. 181, Fu-Hsing N. Road
Taipei 105
Taiwan

Mr Roger Chang
Tel: +886 2 2545 8228
Fax: +886 2 2545 3325
E-mail: rogerchang@phytohealth.com.tw